10-4930-204-23 P

TECHNICAL MANUAL

ORGANIZATIONAL AND DIRECT SUPPORT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LISTS

TANK AND PUMP UNIT, LIQUID DISPENSING, FOR TRUCK MOUNTING (UNITED MANUFACTURING AND ENGINEERING CORP. MODEL STYLE 1) NSN 4930-00-542-2800 (MODEL 2519) NSN 4930-00-987-8576, (MODEL 2938) NSN 4930-00-078-4939, (BOWSER INC. MODEL 36W50) NSN 4930-00-078-4938 (ORR AND SEMBOWER INC. MODEL BL-100) NSN 4930-00-926-3692 (ALTECH INC. MODEL 4000) NSN 4930-00-926-3581

This copy is a reprint which includes current pages from Changes 1 and 2.

This manual supersedes Appendix D, TM 10-4930-204-15, 22 September 1967.

HEADQUARTERS, DEPARTMENT OF THE ARMY
15 MAY 1980

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TM 10-4930-204-23P
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CHANGE
No. 2

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, D.C., 21 February 1987

Organizational and Direct Support Maintenance
Repair Parts and Special Tools Lists

TANK AND PUMP UNIT, LIQUID DISPENSING,
FOR TRUCK MOUNTING (UNITED MANUFACTURING AND
ENGINEERING CORP. MODEL STYLE 1)
NSN 4930-00-542-2800
(MODEL 2519) NSN 4930-00-987-8576,
(MODEL 2938) NSN 4930-00-078-4939,
(BOWSER INC. MODEL 36W50)
NSN 4930-00-078-4938
(ORR AND SEMBOWER INC. MODEL BL-100)
NSN 4930-00-926-3692
(ALTECH INC. MODEL 4000)
NSN 4930-00-926-3581

TM 10-4930-204-23P, 15 May 1980, is changed as follows:

1. Remove and insert pages as indicated below. New or changed text material is indicated by a vertical bar in the margin. An illustration change is indicated by a miniature pointing hand.

Remove pages	Insert pages
i and ii	i and ii
7 through 10	7 through 10
33 and 34	33 and 34
39/40	39/40
40	40
45 through 52	45 through 52
65 through 70	65 through 70

2. Retain this sheet in front of manual for reference purposes.

By Order of the Secretary of the Army:

JOHN A. WICKHAM, JR.
General, United States Army
Chief of Staff

Official:

R. L. DILWORTH
Brigadier General, United States Army
The Adjutant General

DISTRIBUTION:
To be distributed in accordance with DA Form 12-25A, Organizational and Direct Support Maintenance Requirements for Tank/Pump Unit, Liquid Dispensing, Truck Mounted (M 2519).

TM 10-4930-204-23P
C1

CHANGE
No. 1

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, D.C., 14 April 1986

Organizational and Direct Support Maintenance
Repair Parts and Special Tools Lists

TANK AND PUMP UNIT, LIQUID DISPENSING,
FOR TRUCK MOUNTING (UNITED MANUFACTURING AND
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Remove pages	Insert pages
21 and 22	21 and 22
23 and 24	23 and 24
53 and 54	53 and 54

2. Retain this sheet in front of manual for reference purposes.

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TECHNICAL MANUAL

No. 10-4930-204-23P

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, D.C.,

ORGANIZATIONAL AND DIRECT SUPPORT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LISTS

TANK AND PUMP UNIT, LIQUID DISPENSING, FOR TRUCK MOUNTING (UNITED MANUFACTURING AND ENGINEERING CORP. MODEL STYLE 1) NSN 4930-00-542-2800

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(ALTECH INC. MODEL 4000) NSN 4930-00-926-3581

Current as of 27 December 1979

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistake or if you know of a way to improve the procedures, please let us know. Mail your letter, DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2 located in the back of this manual direct to: Commander, U.S. Army Troop Support Command, ATTN: AMSTR-MCTS, 4300 Goodfellow Boulevard, St. Louis, MO 63120-1798. A reply will be furnished directly to you.

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Section I. INTRODUCTION

1. **Scope.** This manual lists spares and repair parts; special tools; special test, measurement, and diagnostic equipment (TMDE), and other special support equipment required for performance of organizational, direct support, and general support maintenance of the Tank and Pump Unit. It authorizes the requisitioning and issue of spares and repair parts as indicated by the source and maintenance codes.

2. **General.** This Repair Parts and Special Tools List is divided into the following sections:

a. Section II. Repair Parts List. A list of spares and repair parts authorized for use in the performance of maintenance. The list also includes parts which must be removed for replacement of the authorized parts. Parts list are composed of functional groups in numeric sequence, with the parts in each group listed in figure and item number sequence. Bulk materials are listed in NSN sequence.

b. Section III. Sepcial Tools List. A list of special tools, special TMDE, and other special support equipment authorized for the performance of maintenance.

c. Section IV. National Stock Number and Part Number Index. A list, in National item identification number (NIIN) sequence, of all National stock numbers (NSN) appearing in the listings, followed by a list in alphameric sequence, of all part numbers appearing in the listings. National stock numbers and part numbers are cross-referenced to each illustration figure and item number appearance. This index is followed by a cross-reference list of reference designators to figure and item numbers.

3. **Explanation of Columns.**

a. Illustration. This column is divided as follows:

(1) Figure Number. Indicates the figure number of the illustration on which the item is shown.

(2) Item Number. The number used to identify item called out in the illustration.

b. Source, Maintenance and Recoverability (SMR) Codes.

(1) Source Code. Source codes indicate the manner of acquiring support items for maintenance, repair or overhaul of end items. Source codes are entered in the first and second positions of the Uniform SMR Code format as follows:

Code	Definition
PA	Item procured and stocked for anticipated or known usage.
PB	Item procured and stocked for insurance purposes because essentiality dictates that a minimum quantity be available in the supply system.
PC	Item procured and stocked and which otherwise would be coded PA except that it is deteriorative in nature.
PD	Support item, excluding support equipment, procured for initial issue or outfitting and stocked only for subsequent or additional initial issues or outfittings. Not subject to automatic replenishment.
PE	Support equipment procured and stocked for initial issue or outfitting to specified maintenance repair activities.
PF	Support equipment which will not be stocked but which will be centrally procured on demand.
PG	Item procured and stocked to provide for sustained support for the life of the equipment. It is applied to an item peculiar to the equipment which, because of probable discontinuance or shutdown of production facilities, would prove uneconomical to reproduce at a later time.
KD	An item of a depot overhaul/repair kit and not purchased separately. Depot kit defined as a kit that provides items required at the time of overhaul or repair.
KF	An item of a maintenance kit and not purchased separately. Maintenance kit defined as a kit that provides an item that can be replaced at organizational or intermediate levels of maintenance.

Code	Definition
KB	Item included in both a depot overhaul/repair kit and a maintenance kit.
MO	Item to be manufactured or fabricated at the organizational level.
MF	Item to be manufactured or fabricated at the direct support maintenance level.
MH	Item to be manufactured or fabricated at the general support maintenance level.
MD	Item to be manufactured or fabricated at the depot maintenance level.
AO	Item to be assembled at organizational level.
AF	Item to be assembled at the direct support maintenance level.
AH	Item to be assembled at general support maintenance level.
AD	Item to be assembled at depot maintenance level.
XA	Item is not procured or stocked because the requirements for the item will result in the replacement of the next higher assembly.
XB	Item is not procured or stocked. If not available through salvage, requisition.
XC	Installation drawing, diagram, instruction sheet, field service drawing, that is identified by manufacturer's part number.
XD	A support item that is not stocked. When required, item will be procured through normal supply channels.

NOTE

Cannibalization or salvage may be used as a source of supply for any items coded above except those coded XA and aircraft support items as restricted by AR 700-42.

(2) Maintenance Code. Maintenance codes are assigned to indicate the levels of maintenance authorized to USE and REPAIR support items. The maintenance codes are entered in the third and fourth positions of the Uniform SMR Code format as follows:

(a) The maintenance code entered in the third position will indicate the lowest maintenance level authorized to remove, replace and use the support item. The maintenance code entered in the third position will indicate one of the following levels of maintenance:

Code	Application/Explanation
C	Crew or operator maintenance performed within organizational maintenance.
O	Support item is removed, replaced, used at the organizational level.
I	Support item is removed, replaced, used by the direct support element of integrated direct support maintenance.
F	Support item is removed, replaced, used at the direct support level.

(b) The maintenance code entered in the fourth position indicates whether the item is to be repaired and identifies the lowest maintenance level with the capability to perform complete repair (i.e., all authorized maintenance functions). This position will contain one of the following maintenance codes:

Code	Application/Explanation
O	The lowest maintenance level capable of complete repair of the support item is the organizational level.
F	The lowest maintenance level capable of complete repair of the support item is the direct support level.
H	The lowest maintenance level capable of complete repair of the support item is the general support level.
D	The lowest maintenance level capable of complete repair of the support item is the depot level.
L	Repair restricted to designated specialized repair activity.
Z	Nonreparable. No repair is authorized.
B	No repair is authorized. The item may be reconditioned by adjusting, lubricating, etc., at the user level. No parts or special tools are procured for the maintenance of this item.

(3) Recoverability Code. Recoverability codes are assigned to support items to indicate the disposition action on unserviceable items. The recoverability code is entered in the fifth position of the Uniform SMR Code format as follows:

Recoverability Code	Definition
Z	Nonreparable item. When unserviceable, condemn and dispose at the level indicated in position 3.
O	Reparable item. When uneconomically reparable, condemn and dispose at organizational level.
F	Reparable item. When uneconomically reparable, condemn and dispose at the direct support level.
H	Reparable item. When uneconomically reparable, condemn and dispose at the general support level.
D	Reparable item. When beyond lower level repair capability, return to depot. Condemnation and disposal not authorized below depot level.
L	Reparable item. Repair, condemnation, and disposal not authorized below depot/specialized repair activity level.
A	Item requires special handling or condemnation procedures because of specific reasons (i.e., precious metal constant, high dollar value, critical material or hazardous material). Refer to appropriate manuals/directives for specific instructions.

c. National Stock Number. Indicates the National stock number assigned to the item and will be used for requisitioning purposes.

d. Part Number. Indicates the primary number used by the manufacturer which controls the design and characteristics of the item by means of its engineering drawings, specifications standards and inspection requirements to identify an item or range of items.

NOTE

When a stock numbered item is requisitioned, the item received may have a different part number than the part being replaced.

e. Federal Supply Code for Manufacturer (FSCM). The FSCM is a 5-digit numeric code listed in SB 708-42 which is used to identify the manufacturer, distributor, or Government agency, etc.

f. Description. Indicates the Federal item name and, if required, a minimum description to identify the item.

g. Unit of Measure (U/M). Indicates the standard of the basic quantity of the listed item as used in performing the actual maintenance function. This measure is expressed by a two-character alphabetical abbreviation (e.g., ea, in., pr, etc.). When the unit of measure differs from the unit of issue, the lowest unit of issue that will satisfy the required units of measure will be requisitioned.

h. Quantity Incorporated in Unit. Indicates the quantity of the item used in the breakout shown on the illustration figure, which is prepared for a functional group, subfunctional group, or an assembly. A "V" appearing in this column in lieu of a quantity indicates that no specific quantity is applicable (e.g., shims, spacers, etc.).

4. Special Information.

a. Usable on codes are shown in the description column. Uncoded items are applicable to all models. Identification of the usable codes used in this publication are:

Code	Used On
CES	MODEL STYLE 1
CET	MODEL 2519
CEU	MODEL 2938
CEV	MODEL 36W50
CEW	MODEL BL100
CEX	MODEL 4000

b. Detailed manufacturing instructions for items source coded to be manufactured or fabricated are found in TM 10-4930-204-13. Bulk materials required to manufacture items are listed in the Bulk Material Group of this manual.

c. Detailed assembly instructions for items source coded to be assembled are found in TM 10-4930-204-13. Assembly components are listed immediately following the item to be assembled.

d. Repair parts kits and gasket sets listed at the end of the repair parts listing for the last figure containing parts of the kit.

e. The following publications pertain to the Tank and Pump Unit and its components:

TM 10-4930-204-13—Operator's, Organizational and Direct Support Maintenance Manual.

LO 10-4930-204-12—Lubrication Order

5. **How to Locate Repair Parts.**

a. When National Stock Number or Part Number is Unknown:

(1) First. Using the table of contents, determine the functional group within which the item belongs. This is necessary since illustrations are prepared for functional groups and listings are divided into the same groups.

(2) Second. Find the illustration covering the functional group to which the item belongs.

(3) Third. Identify the item on the illustration and note the illustration figure and item number of the item.

(4) Fourth. Using the Repair Parts Listing, find the figure and item number noted on the illustration.

b. When National Stock Number or Part Number is Known.

(1) First. Using the Index of National Stock Numbers and Part Numbers, find the pertinent National stock number or part number. This index is the NIIN sequence followed by a list of part numbers in alphameric sequence, cross-referenced to the illustration figure number and item number.

(2) Second. After finding the figure and item number, locate the figure and item number in the repair parts list.

6. **Abbreviations.** Not applicable.

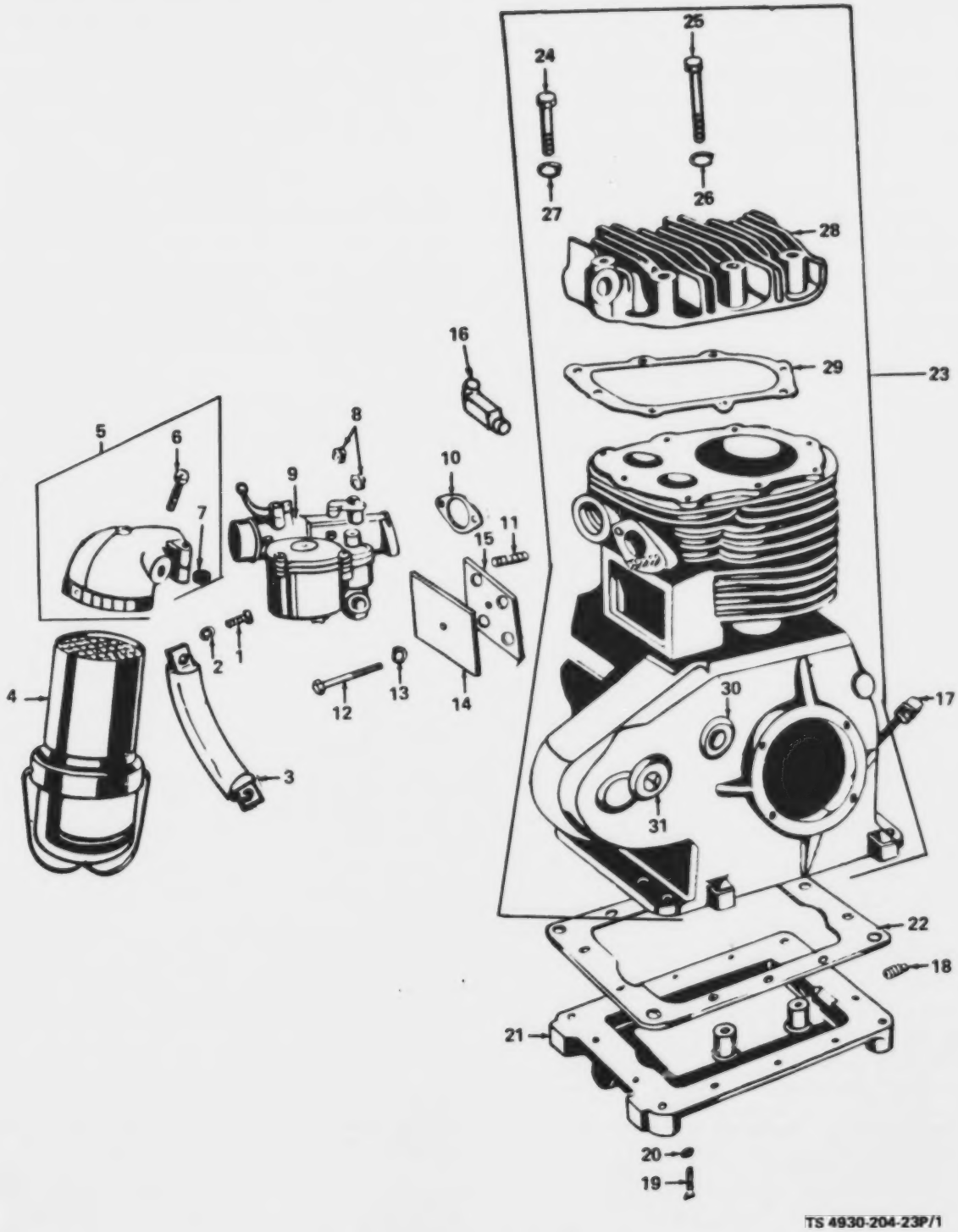

Figure 1. Cylinder Block, Cylinder Head, Carburetor and Air Cleaner

(1) ILLUSTRATION (a) FIG NO.	(1) ILLUSTRATION (b) ITEM NO	(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
						GROUP 01 ENGINE, BASE, HOSE REEL AND PUMP ASSEMBLY		
1	1	PAOZZ	5306-00-207-9152	X04	66289	SCREW, HEXAGON AIR CLEANER BRACKET SUPPORT STRAP	EA	1
1	2	XBOZZ	5310-00-637-9541	PE3	66289	WASHER, LOCK BRACKET MTG	EA	1
1	3	XBOZZ	4930-00-407-6467	PG338	66289	BRACKET, ANGLE AIR CLEANER TO BRACKET SUPPORT	EA	1
1	4	XBOZZ	2940-00-021-0587	N76B4	66289	AIR FILTER, INTAKE	EA	1
1	5	XBOZZ		B1-264B4S1	66289	BRACKET ASSEMBLY AIR CLEANER TO CARBURETOR	EA	1
1	6	PAOZZ	5305-01-016-7470	XA38	66289	• SCREW, MACHINE	EA	1
1	7	PAOZZ	5330-00-4479260	20647	66289	• GASKET AIR CLEANER BRACKET	EA	1
1	8	XBOZZ		PO9	66289	NUT, PLAIN, HEXAGON CARBURETOR MTG	EA	2
1	9	PAOZZ	2910-00-358-4516	11193A	79960	CARBURETOR	EA	1
1	10	KFOZZ		1053	66289	GASKET CARBURETOR FLANGE CEX	EA	1
1	11	XBOZZ		PO368	66289	STUD, PLAIN CARBURETOR MTG	EA	2
1	12	XBOZZ	5305-00-173-0133	XO11	66289	SCREW, CAP, HEXAGON INSPECTION PLATE MTG	EA	1
1	13	PAOZZ	5310-00-285-8538	PH30	66289	WASHER, FLAT INSPECTION PLATE MTG	EA	1
1	14	XBOZZ	5340-00-376-0416	SA61	66289	PLATE INSPECTION	EA	1
1	15	KFOZZ		00572	66289	GASKET VALVE INSPECTION PLATE CEX	EA	1
1	16	XBOZZ	2805-00-790-7778	13318	66289	BREATHER CRANKCASE	EA	1
1	17	XBOZZ	6680-00-740-0071	RJ138A	66289	• PLUG AND GAGE ENGINE OIL LEVEL	EA	1
1	18	XBOZZ	4730-00-010-3867	XX3B	66289	PLUG, PIPE, MAGNETIC ENGINE BASE OIL DRAIN	EA	1
1	19	XBOZZ		X06	66289	SCREW, CAP, HEXAGON BASE MTG	EA	10
1	20	XBOZZ	5310-00-637-9541	PE3	66289	WASHER, LOCK BASE MTG	EA	10
1	21	XBOZZ		88116F9	66289	BASE ENGINE	EA	1
1	22	KFOZZ		00569A	66289	GASKET ENGINE BASE CEX	EA	1
1	23	XBHZZ		AA97-1S19	66289	CYLINDER ASSEMBLY	EA	1
1	24	XBOZZ		X019	66289	• SCREW, CAP, HEXAGON CYLINDER HEAD	EA	5
1	25	XBOZZ		X023	66289	• SCREW, CAP, HEXAGON CYLINDER HEAD	EA	3
1	26	XBOZZ	5310-00-012-0214	PE4	66289	• WASHER, LOCK CYLINDER HEAD	EA	1
1	27	XBOZZ		PH209-8	66289	• WASHER, LOCK	EA	7
1	28	XBHZZ	2805-00-790-7786	A399T-1-S1	66289	• CYLINDER HEAD, GASOL	EA	1
1	29	KFOZZ		Q0802	66289	• GASKET CYLINDER HEAD	EA	1
1	30	XBOZZ	5340-00-050-1591	MS35648-4	96906	• PLUG, EXPANSION	EA	2
1	31	PAOZZ	4730-00-042-6318	XX118	66289	• PLUG, PIPE CRANKCASE TIMING INSPECTION HOLE	EA	1

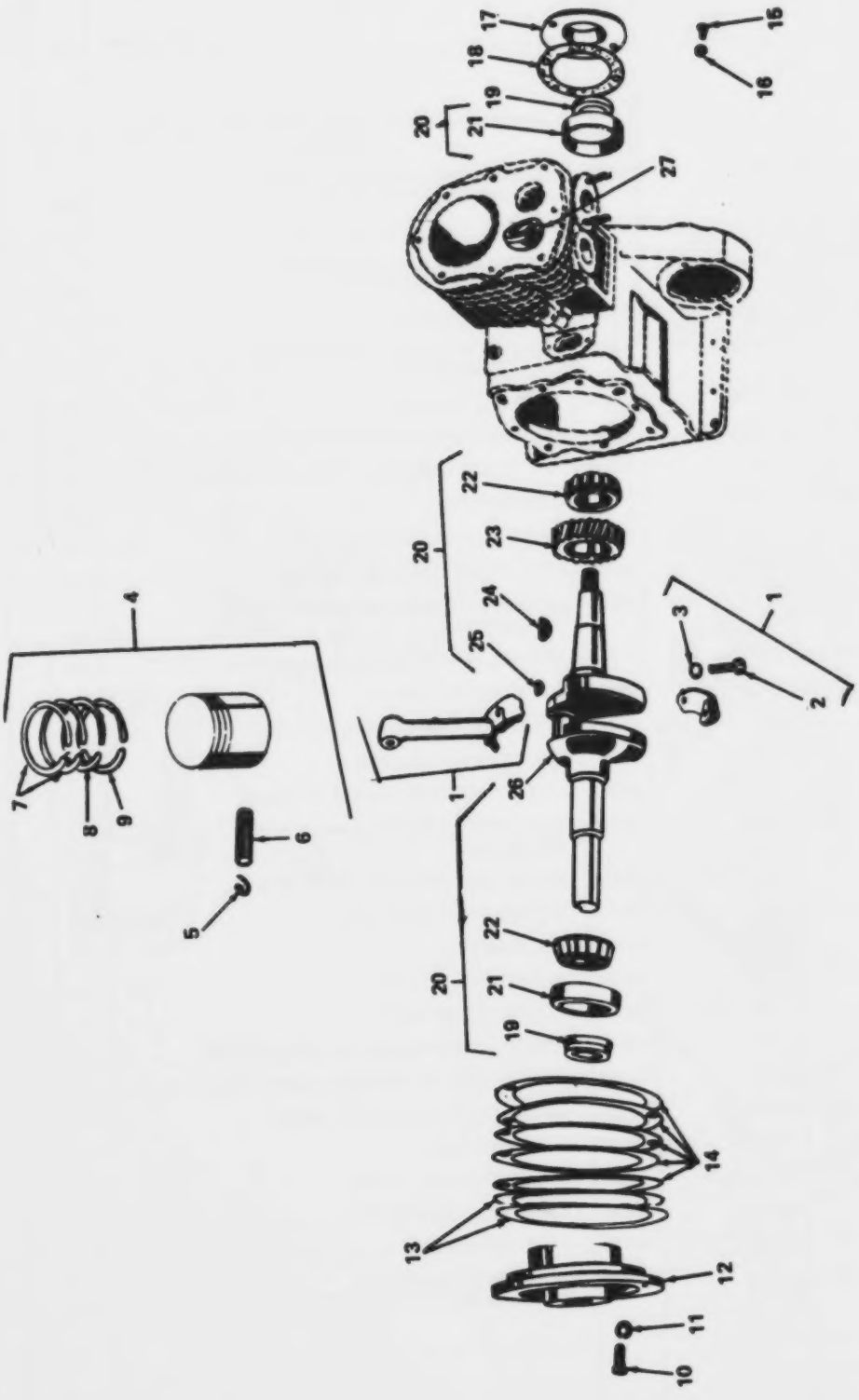

Figure 2. Crankshaft, Bearing, Pistons

(1) ILLUSTRATION (a) FIG NO	(1) ILLUSTRATION (b) ITEM NO	(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION USABLE ON CODE	(7) UM	(8) QTY INC IN UNIT
2	1	PAHZZ	2805-00-672-9509	CA70BS1	66289	CONNECTING ROD	EA	1
2	2	XBHZZ		X019	66289	• SCREW, CAP, HEXAGON	EA	2
2	3	XBHZZ	5310-00-290-5759	PE82	66289	• WASHER, KEY	EA	2
2	4	PAHZZ	2805-00-828-9520	03186A1SP	66289	PISTON, INTERNAL	EA	1
2	5	XAHZZ		PK69	66289	• • RING, RETAINING	EA	2
2	6	XAHZZ		OE68	66289	• • PIN, PISTON	EA	1
2	7	KFHZZ		OC198	66289	• • RING, PISTON COMPRESSION, 1ST AND 2ND GROOVE	EA	2
2	8	KFHZZ		OC161-1	66289	• • RING, PISTON, SCRAPER, 3RD GROOVE	EA	1
2	9	KFHZZ		OC199	66289	• • RING, PISTON OIL RING, 4TH GROOVE	EA	1
2	10	PAHZZ	5306-00-226-9825	MS90728-32	96906	SCREW, CAP, HEXAGON MAIN BEARING PLATE MTG	EA	4
2	11	PAHZZ	5310-00-675-5755	PH412	66289	WASHER, FLAT MAIN BEARING PLATE	EA	4
2	12	XBHZZ	2805-00-301-6336	BG170S2	66289	BEARING PLATE	EA	1
2	13	KFOZZ		OO573A	66289	GASKET MAIN BEARING PLATE CEX	EA	2
2	14	KFOZZ		OO573	66289	GASKET MAIN BEARING PLATE CEX	EA	5
2	15	PAHZZ	5306-00-207-9152	XO4	66289	SCREW, CAP, HEXAGON MAIN BEARING PLATE MTG	EA	4
2	16	XBHZZ		PE3	66289	WASHER, LOCK MAIN BEARING PLATE MTG	EA	4
2	17	XBHZZ	2805-00-353-5849	BG171S1	66289	PLATE BEARING	EA	1
2	18	KFOZZ		OO574	66289	GASKET MAIN BEARING PLATE CEX	EA	1
2	19	PAHZZ	5330-00-356-0940	PH256	66289	GASKET CORK, MAIN BEARING	EA	2
2	20	XBHZZ		CA151-131S1	66289	CRANKSHAFT ASSEMBLY ENGINE	EA	1
2	21	XAHZZ		15243	60038	• CUP, TAPERED ROLLER CRANKSHAFT MAIN	EA	2
2	22	XAHZZ		15118	60038	• CONE, TAPERED ROLLER CRANKSHAFT MAIN	EA	2
2	23	XAHZZ		GA34A	66289	• GEAR HELICAL, CRANKSHAFT	EA	1
2	24	XAHZZ		PL17	66289	• KEY, WOODRUFF	EA	1
2	25	XAHZZ		PL21	66289	• KEY, WOODRUFF	EA	1
2	26	XAHZZ		CA51-131	66289	• CRANKSHAFT	EA	1
2	27	PAFZZ	2805-00-776-8151	HG2010	66289	SEAT, VALVE EXHAUST	EA	1
2		PAHZZ	2805-00-555-2119	DR30	66289	RING SET, PISTON	EA	1
2	28	PAHZZ	3120-01-042-2580	HA138S	66289	BEARING	EA	1

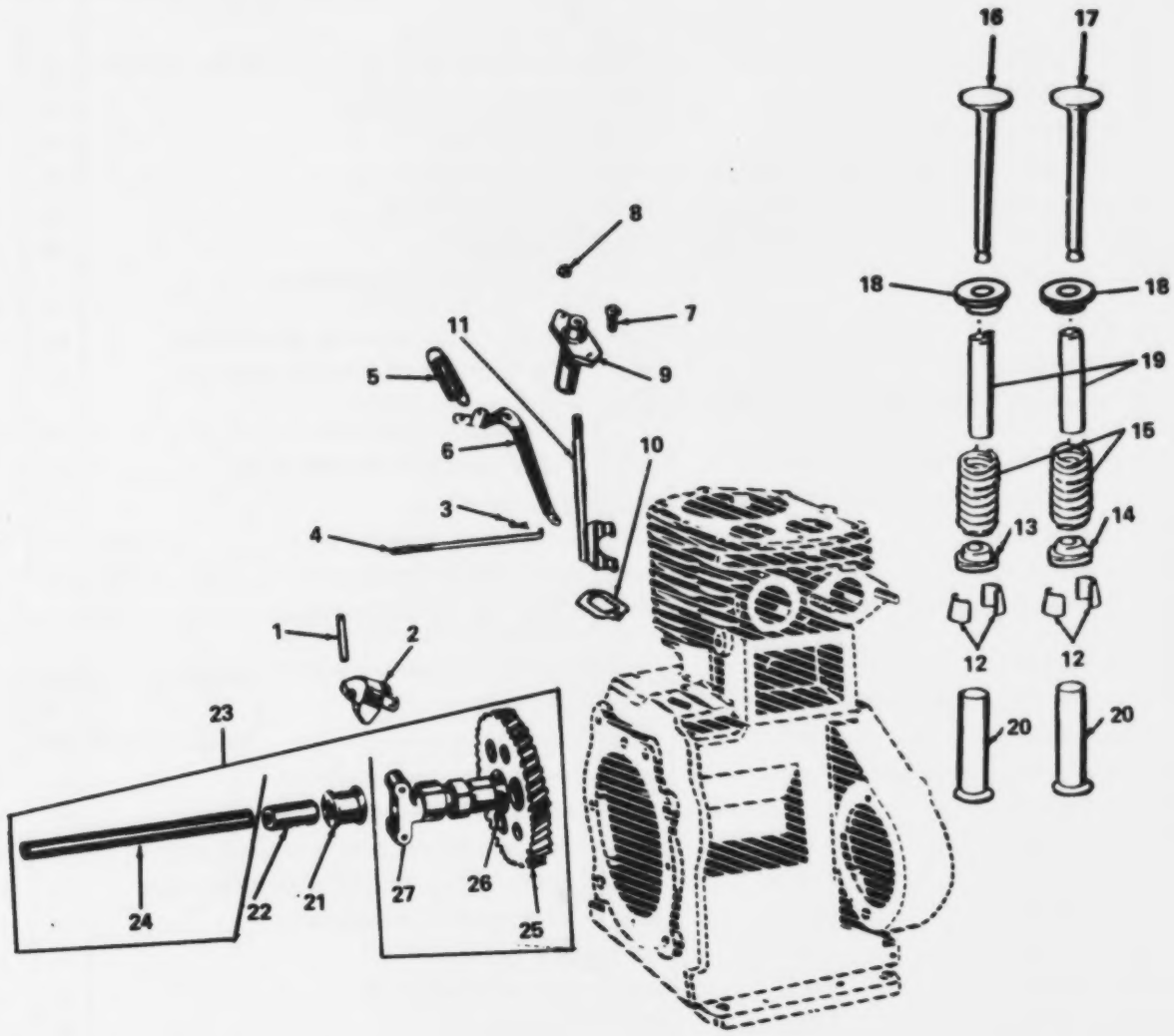

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Figure 3. Camshaft, Valves, Governor

(1) ILLUSTRATION (a) FIG NO	(1) ILLUSTRATION (b) ITEM NO	(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
3	1	XBOZZ		PA340	66289	PIN, SPRING GOVERNOR FLYWEIGHT	EA	2
3	2	XBHZZ		TC322S1	66289	FLYWEIGHT	EA	1
3	3	XBOZZ		X1-32	66289	PIN, COTTER CONTROL ROD	EA	1
3	4	XBOZZ	5306-00-356-0965	VE304	66289	ROD, CONTROL	EA	1
3	5	XBOZZ	5360-00-224-8188	PM74	66289	SPRING	EA	1
3	6	XBOZZ	3040-00-301-6374	TC332	66289	LEVER, GOVERNOR	EA	1
3	7	XBOZZ		XD6	66289	BOLT, MACHINE GOVERNOR SHAFT BRACKET	EA	2
3	8	XBOZZ		PD9	66289	NUT, PLAIN, HEXAGON	EA	1
3	9	XBOZZ		TC325	66289	BRACKET, SUPPORT	EA	1
3	10	KFFZZ		QD571	66289	GASKET GOVERNOR YOKE SHAFT BRACKET CEX	EA	1
3	11	XBHZZ	2990-00-511-7629	TC324C	66289	YOKE, GOVERNOR	EA	1
3	12	PAFZZ	2805-00-277-2918	AH9	66289	LOCK VALVE SPRING SEAT	EA	2
3	13	XBFZZ	2805-00-301-2940	AG31	66289	ROTOR, ENGINE POPPET	EA	1
3	14	XBFZZ	2805-00-143-6657	AG26	66289	SEAT, HELICAL COMPRE INTAKE VALVE	EA	1
3	15	PAFZZ	2805-00-808-5675	AF43B	66289	SPRING, HELICAL VALVE	EA	2
3	16	PAFZZ	2805-00-448-1050	AE74D	66289	VALVE, POPPET, ENGINE EXHAUST	EA	1
3	17	PAFZZ	2805-00-270-3429	AE74C	66289	VALVE, POPPET, ENGINE, INTAKE	EA	1
3	18	XBFZZ	2805-00-620-0156	AG34B	66289	SEAT, SPRING VALVE	EA	2
3	19	PAFZZ	2805-00-695-2177	AD41	66289	GUIDE, VALVE STEM STEM, INTAKE AND EXHAUST	EA	2
3	20	PAHZZ	2805-00-776-0512	FA42C	66289	TAPPET, ENGINE VALVE	EA	2
3	21	XBHZZ	3120-00-661-8942	TC323	66289	BEARING, SLEEVE THRUST, GOVERNOR	EA	1
3	22	XBHZZ		TC321	66289	SPACER GOVERNOR	EA	1
3	23	XBHZZ	2805-00-792-9761	EA101ZS1	66289	CAMSHAFT ASSEMBLY	EA	1
3	24	XAHZZ		PA264	66289	• PIN, STRAIGHT CAMSHAFT SUPPORT	EA	1
3	25	XAHZZ		GB49	66289	• GEAR, HELICAL	EA	1
3	26	XAHZZ		PL21	66289	• KEY CAMSHAFT	EA	1
3	27	XAHZZ		EA101W	66289	• CAMSHAFT, GASOLINE	EA	1

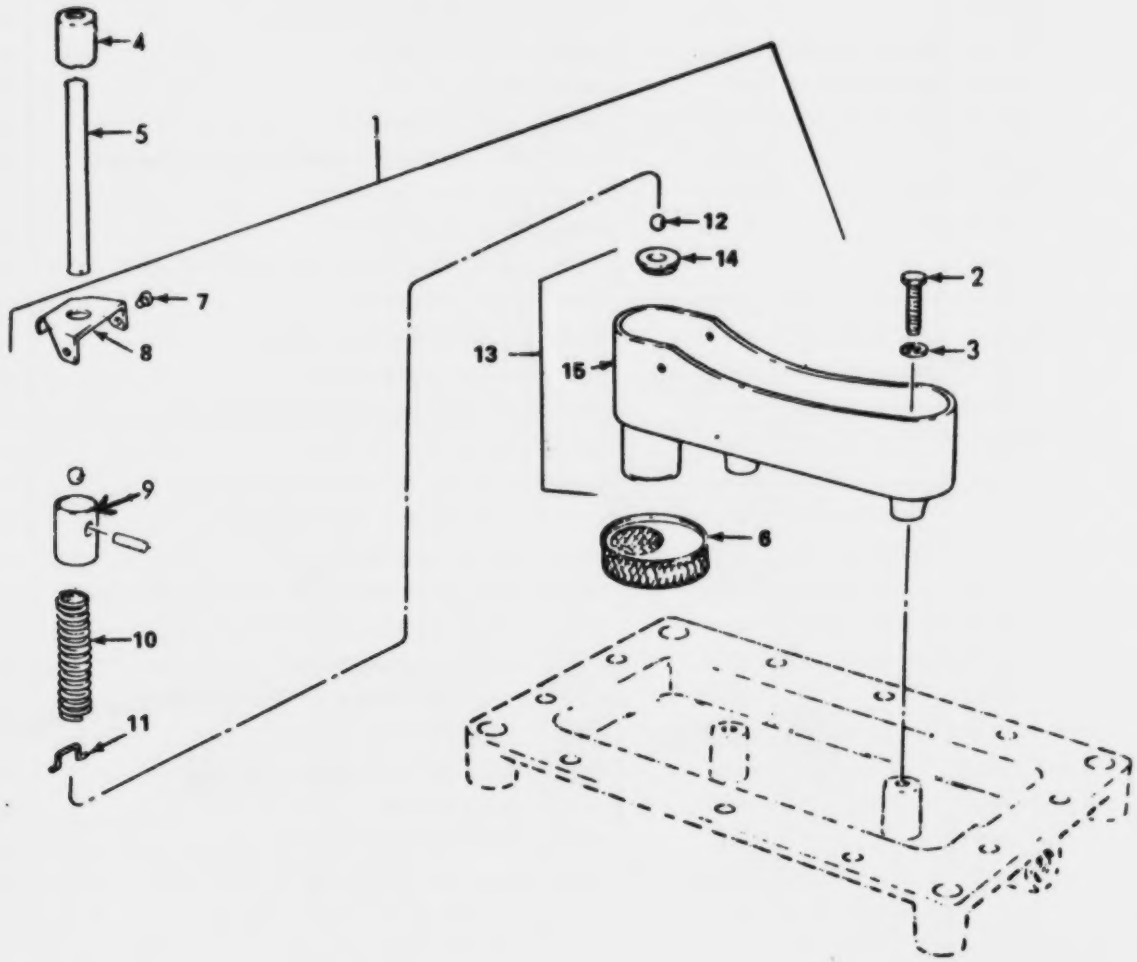

Figure 4. Oil Pump

(1) ILLUSTRATION (a) FIG NO.	(1) ILLUSTRATION (b) ITEM NO.	(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
4	1	XBFZZ	2805-00-376-0418	K98	66289	PUMP ASSEMBLY, OIL	EA	1
4	2	XBFZZ	5305-00-351-6484	XD7	66289	• SCREW, MOUNTING STEE	EA	2
4	3	XBFZZ		PE3	66289	• WASHER, LOCK	EA	2
4	4	XAFZZ		KF19A	66289	• CAP, PUSH ROD	EA	1
4	5	XAFZZ		KF22	66289	• PIN, STRAIGHT, HEADLE	EA	1
4	6	XBFZZ		RD107A	66289	• STRAINER	EA	1
4	7	XBFZZ		XA64	66289	• SCREW, TAPPING	EA	2
4	8	XAFZZ		SA80	66289	• COVER	EA	1
4	9	XAFZZ		XF14-51	66289	• PLUNGER ASSEMBLY	EA	1
4	10	XAFZZ		PM58E	66289	SPRING, HELICAL, COMP	EA	1
4	11	XAFZZ		PR50A	66289	• RETAINER	EA	1
4	12	XAFZZ		ME38A	66289	• BALL, BEARING	EA	1
4	13	XAFZZ		KA59B1S1	66289	• BODY ASSEMBLY	EA	1
4	14	XAFZZ		KF30	66289	• • SEAT, VALVE	EA	1
4	15	XAFZZ		KA5981	66289	• • BODY	EA	1

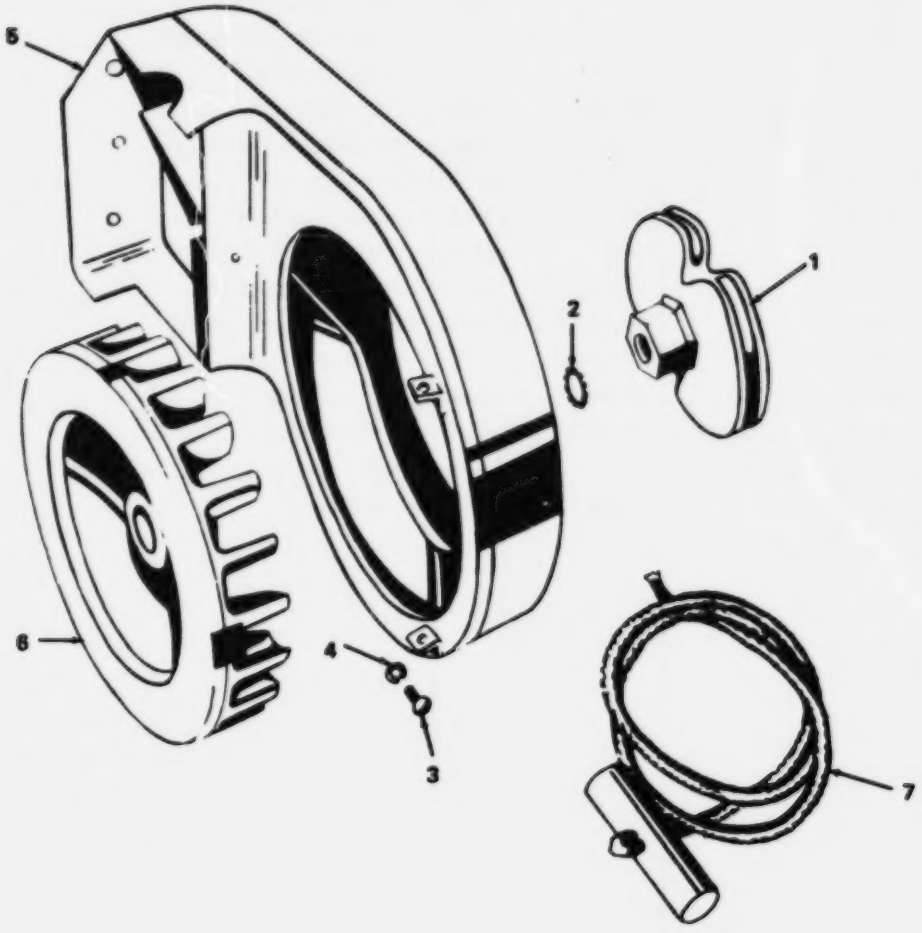

Figure 5. Air Shroud, Pulley, Rope and Flywheel

(1) ILLUSTRATION (a) FIG NO.	(1) ILLUSTRATION (b) ITEM NO.	(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
5	1	XBOZZ	2990-00-422-6161	JC103A	66289	PULLEY, ENGINE	EA	1
5	2	XBOZZ		PE37A	66289	WASHER, LOCK	EA	1
5	3	XBOZZ		XA34	66289	SCREW, MACHINE SHROUD MTG	EA	2
5	4	XBOZZ	5310-00-637-9541	PE3	66289	WASHER, LOCK SHROUD MTG STDE	EA	2
5	5	XBOZZ	2930-00-839-6109	SE53A16S1	66289	SHROUD ASSEMBLY AIR	EA	1
5	6	XBOZZ	2805-00-376-0395	NC137	66289	FLYWHEEL	EA	1
5	7	XBOZZ	2990-00-713-6022	J268	66289	STARTER ROPE, ENGINE	EA	1
5		XBOZZ		SD251	66289	PLATE, INSTRUCTION	EA	1

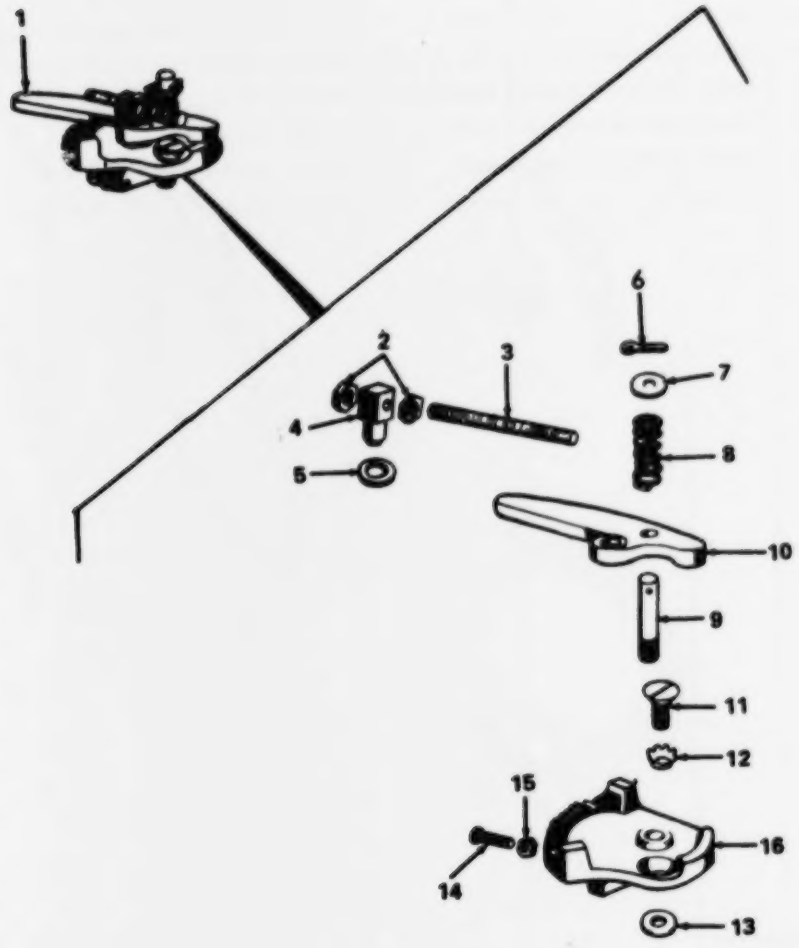

Figure 6. Speed Control

(1) ILLUSTRATION (a) FIG NO.	(1) ILLUSTRATION (b) ITEM NO.	(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
6	1	XBHZZ	2990-00-383-9339	VE363A	66289	CONTROL ASSEMBLY	EA	1
6	2	PAHZZ	5310-00-637-1058	PD115	66289	• NUT, PLAIN, HEXAGON	EA	2
6	3	XBHZZ	5315-00-273-7846	P1-121	66289	• PIN, STRAIGHT SPEED CONTROL SPRING	EA	1
6	4	XBHZZ		TC301-3	66289	• BLOCK, ADJUSTING	EA	1
6	5	XBHZZ		PH253	66289	• WASHER, FLAT BLOCK	EA	1
6	6	XBHZZ		X1-1	66289	• PIN, COTTER	EA	1
6	7	XBHZZ		PH84	66289	• WASHER, FLAT	EA	1
6	8	XBHZZ	5360-00-256-7147	PM117	66289	• SPRING, HELICAL SPEED CONTROL LEVER	EA	1
6	9	PAHZZ	5315-00-265-9197	PC393-2	66289	• PIN, STRAIGHT SPEED CONTROL LEVER	EA	1
6	10	XBHZZ		VB112	66289	• LEVER	EA	1
6	11	XBHZZ		XC14	66289	• SCREW, MACHINE FLAT HEAD	EA	1
6	12	PAHZZ	5310-00-194-9211	MS35336-27	96906	• WASHER, LOCK	EA	1
6	13	XBHZZ	5310-00-841-2729	QD695	66289	• WASHER, NONMETALLIC	EA	1
6	14	PAHZZ	5305-00-008-7935	XA6	66289	• SCREW, MACHINE	EA	1
6	15	PAHZZ	5310-00-489-6053	PD153	66289	• NUT, PLAIN, HEXAGON	EA	1
6	16	XBOZZ		VC22C	66289	• BRACKET	EA	1

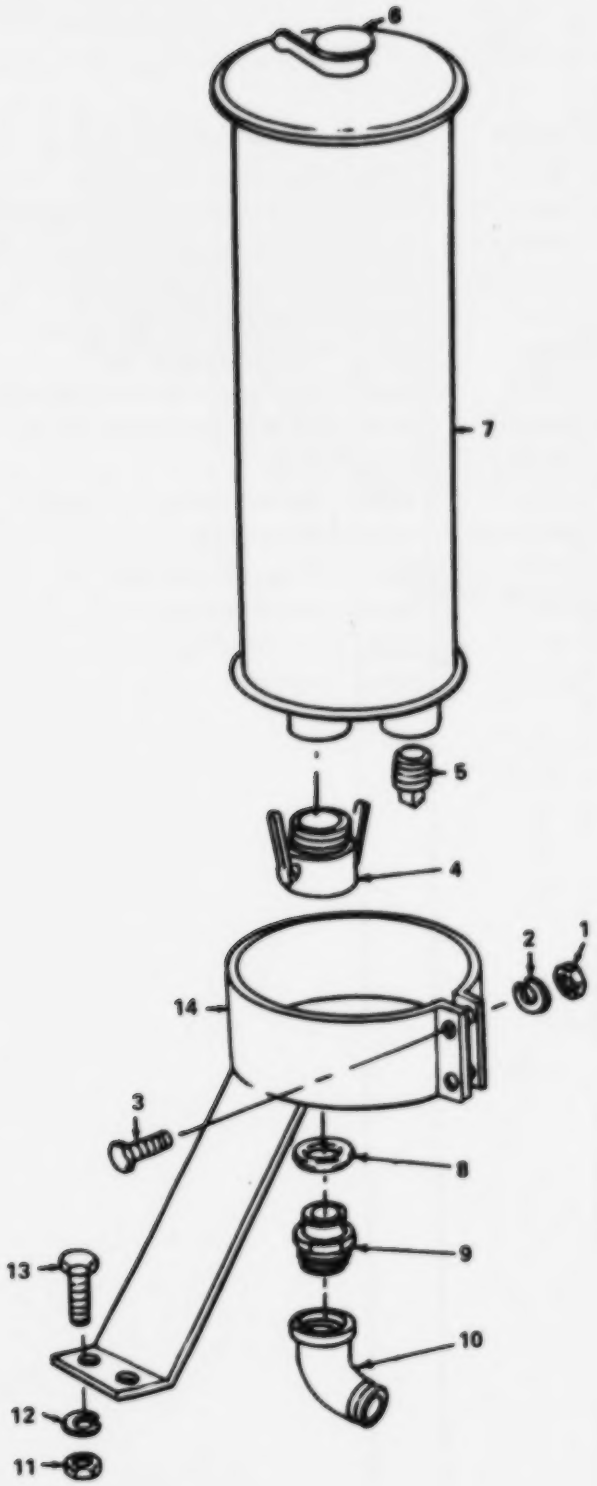

Figure 7. Muffler and Attaching Parts

(1) ILLUSTRATION (a) FIG NO.	(1) ILLUSTRATION (b) ITEM NO.	(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FROM	(6) DESCRIPTION USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
7	1	PAOZZ	5310-00-905-0762	MS51967-3	96906	NUT, PLAIN, HEXAGON BRACKET TO MUFFLER	EA	2
7	2	PAOZZ	5310-00-209-0786	MS35335-33	96906	WASHER, LOCK BRACKET TO MUFFLER	EA	2
7	3	PAOZZ	5305-00-225-3839	MS90725-8	96906	SCREW, CAP, HEXAGON BRACKET TO MUFFLER	EA	2
7	4	PAOZZ	4940-00-360-0710	MS27026-5	96906	COUPLER FEMALE	EA	1
7	5	XBOZZ		WWP471	81848	PLUG, PIPE MUFFLER DRAIN	EA	1
7	6	XBOZZ	2990-00-930-5459	1	81859	CAP ASSEMBLY, PROTEC	EA	1
7	7	XBOZZ	2990-00-389-6412	T1802	78700	MUFFLER, EXHAUST	EA	1
7	8	PAOZZ	5330-00-949-5426	16418SA	05748	GASKET SET COPPER, ASBESTOR	EA	1
7	9	PAOZZ	4730-00-935-5395	MS27022-6	96906	COUPLING HALF, QUICK MALE	EA	1
7	10	XBOZZ	4730-00-246-9219	WWP521TYPE1	81348	ELBOW, PIPE STREET, MUFFLER	EA	1
7	11	PAOZZ	5310-00-905-0762	MS51967-3	96906	NUT, PLAIN, HEXAGON BRACKET TO FRAME	EA	2
7	12	PAOZZ	5310-00-627-6128	MS35335-35	96906	WASHER, LOCK BRACKET TO FRAME	EA	2
7	13	PAOZZ	5305-00-225-3839	MS90725-8	96906	SCREW, CAP, HEXAGON BRACKET TO FRAME	EA	2
7	14	XBOZZ		175-20	01400	BRACKET, SUPPORT MUFFLER TO FRAME	EA	1

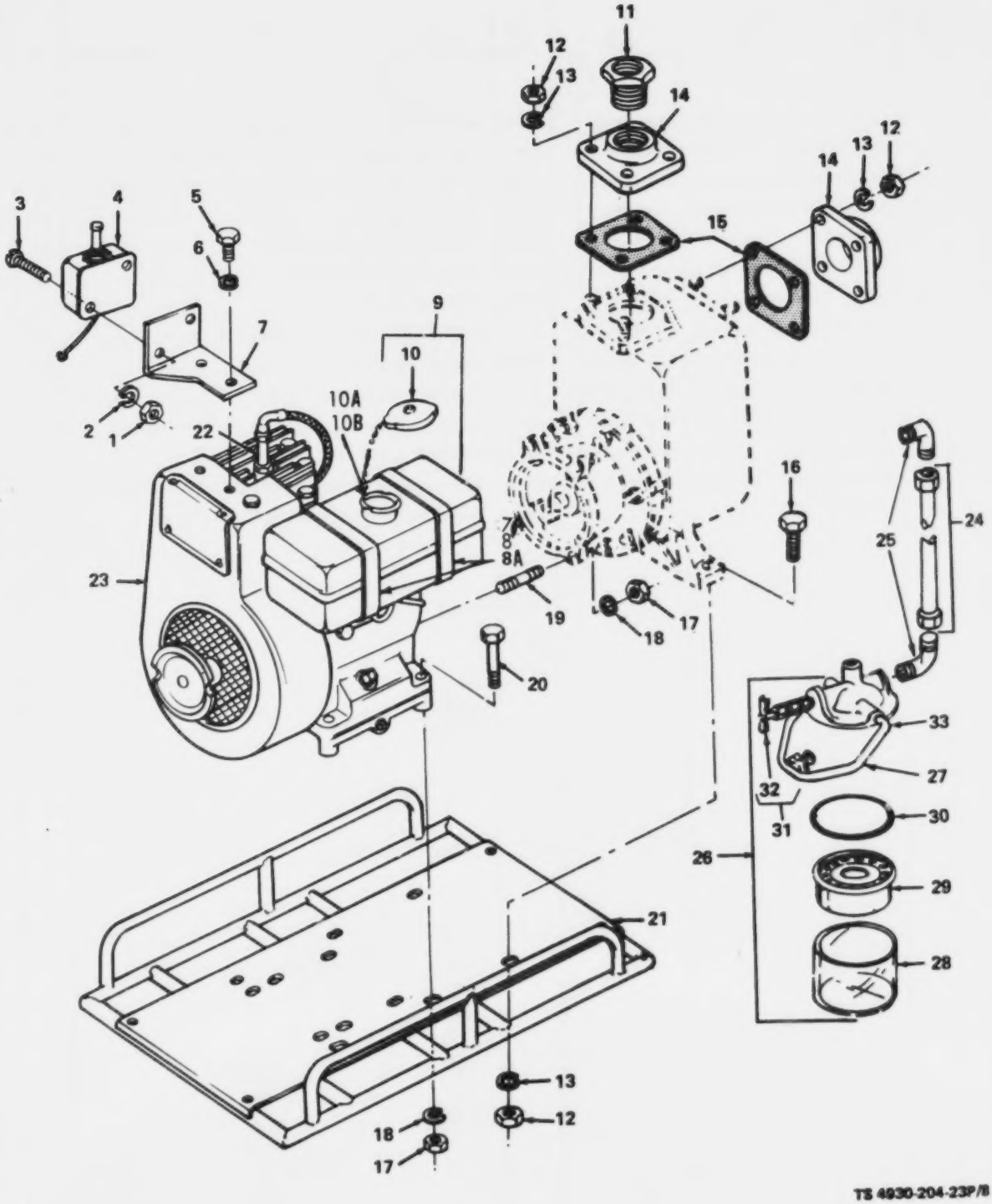

Figure 8. Pump and Engine

(1) ILLUSTRATION (a) FIG NO	(b) ITEM NO	(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
8	1	PAOZZ	5310-00-934-9758	MS35649-202	96906	NUT, PLAIN, HEXAGON SWITCH BOX TO BRACKET SCREW	EA	2
8	2	XBOZZ		MS122052	96906	WASHER, LOCK SWITCH BOX TO BRACKET SCREW	EA	2
8	3	PAOZZ	5305-00-984-6217	MS35206-270	96906	SCREW, MACHINE SWITCH BOX TO BRACKET MTG	EA	2
8	4	XBOZZ	2920-00-883-1101	YD89BC	66289	SWITCH, PUSH-PULL MAGNETO GROUND WIRE AND SWITCH ASSY	EA	1
8	5	XBOZZ	5306-00-207-9158	XD25	66289	BOLT, MACHINE BRACKET MTG	EA	2
8	6	XBOZZ		PE5	66289	WASHER, LOCK BRACKET MTG	EA	2
8	7	XBOZZ	5340-00-225-2955	115-156	01400	BRACKET SWITCH BOX MTG	EA	1
8	7A	XBOZZ		PD77	66289	NUT, PLAIN, HEXAGON TANK MTG	EA	2
8	8	XBOZZ		PG733	66289	STRAP FUEL TANK MTG	EA	2
8	8A	XBOZZ		XA52	66289	SCREW, MACHINE TANK MTG	EA	2
8	9	XBOZZ	2910-00-987-7764	WE343ES1	66289	TANK, FUEL, ENGINE	EA	1
8	10	PAOZZ	2910-00-846-0943	RC118	66289	• CAP, FUEL TANK	EA	1
8	10A	XBOZZ	5340-00-974-9537	PK127A	66289	RING, RETAINING FUEL TANK STRAINER SCREEN	EA	1
8	10B	XBOZZ	4730-00-812-4303	RD127C	66289	STRAINER ELEMENT FUEL TANK	EA	1
8		XBOZZ		PE4	66289	WASHER, LOCK TANK TO CYLINDER HEAD MTG	EA	1
8		XBOZZ	4730-00-740-3354	RM1280A	66289	STANDPIPE FUEL TANK	EA	1
8	11	XBOZZ		960957	47301	BUSHING, PIPE DISCHARGE FLANGE	EA	1
8	12	PAOZZ	5310-00-732-0558	MS51967-8	96906	NUT, PLAIN, HEXAGON PIPE FLANGE AND PUMP MTG	EA	10
8	13	PAOZZ	5310-00-627-6128	MS35338-46	96906	WASHER, LOCK FLANGE MTG AND PUMP MTG	EA	10
8	14	XBOZZ	4730-00-896-9056	115-101	01400	FLANGE, PIPE INLET AND DISCHARGE	EA	2
8	15	PAOZZ	5330-00-735-4439	115-116	01400	GASKET FLANGE	EA	2
8	16	PAOZZ	5305-00-269-3216	MS90725-66	96906	SCREW, CAP, HEXAGON PUMP MTG	EA	2
8	17	PAOZZ	5310-00-732-0558	MS51967-8	96906	NUT, PLAIN, HEXAGON ENGINE MTG	EA	4
8	18	PAOZZ	5310-00-627-6128	MS35338-46	96906	WASHER, LOCK ENGINE MTG AND ENGINE TO COUPLING MTG	EA	8
8	19	PAOZZ	5307-00-985-4918	C10873-11328	11349	STUD, PLAIN ENGINE TO COUPLING	EA	4
8	20	PAOZZ	5305-00-782-9489	MS90728-66	96906	BOLT, MACHINE ENGINE MTG	EA	4
8	21	XBOZZ		115-228	01400	MOUNTING ASSEMBLY ENGINE AND PUMP	EA	1
8	22	PAOZZ	2920-00-293-5212	XED16	11583	SPARK PLUG	EA	1
8	23	PAOZF	2805-00-722-3922	MBKND182918	66289	ENGINE, GASOLINE	EA	1
8	24	PAOZZ	4710-00-447-9287	RP902	66289	TUBE, ASSEMBLY, METAL FUEL FILTER TO CARBURETOR	EA	1
8	25	PAOZZ	4730-00-741-0349	RF1225	66289	ELBOW, PIPE TO TUBE TANK AND CARBURETOR FITTINGS	EA	2
8	26	PAOZZ	2910-00-099-5639	OW48OT	96152	STRAINER ASSEMBLY	EA	1
8	27	XBOZZ	2910-00-358-4316	07766	78480	• BAIL AND NUT	EA	1
8	28	PAOZZ	2910-00-358-4317	07759	96152	• BOWL, SEDIMENT GLASS	EA	1
8	29	PAOZZ	2910-00-358-5327	07762	96152	• STRAINER ELEMENT	EA	1
8	30	PAOZZ	5330-00-282-7557	08227	96152	• GASKET BOWL	EA	1
8	31	XBOZZ	2910-00-368-6657	07769	78480	• STEM, NEEDLE VALVE FILTER, SHUT-OFF	EA	1
8	32	XBOZZ	5330-00-282-7597	0705	78480	• • WASHER, NONMETALLIC FUEL FILTER, SHUT-OFF VALVE	EA	1
8	33	XAOZZ		07770	78480	• COVER, FUEL STRAINER	EA	1

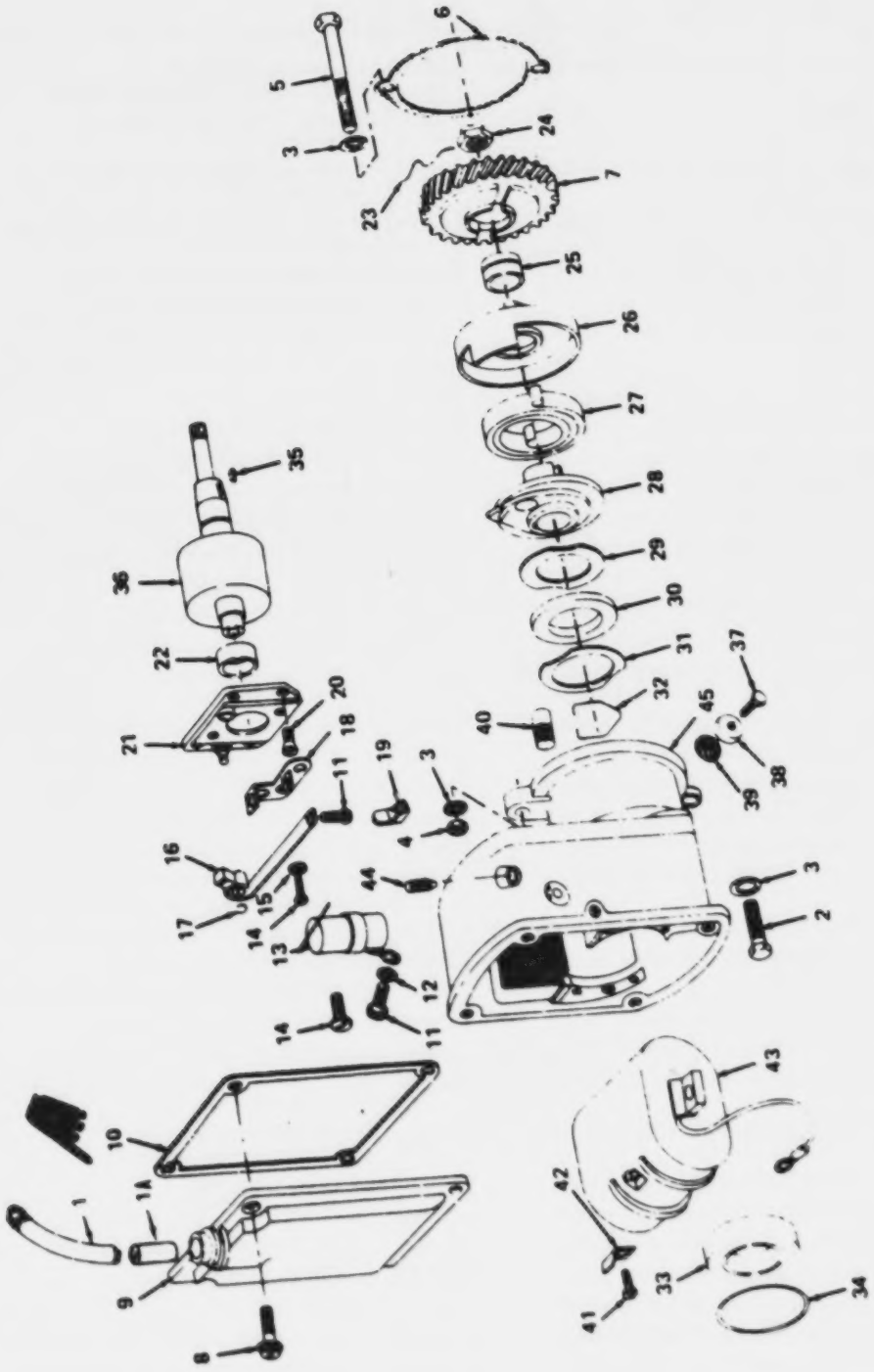

Figure 9. Magneto

(1) ILLUSTRATION (a) FIG NO.	(b) ITEM NO.	(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
9	1	PAOZZ	2920-00-620-0291	YD259	66289	CABLE ASSEMBLY SPARK PLUG	EA	1
9	1A	PAOZZ	2920-00-939-9834	AX2474	82796	OUTLET	EA	1
9	2	PAOZZ	5306-00-206-1071	XD17	66289	BOLT, MACHINE MAGNETO MTG, LOWER HOLE	EA	1
9	3	PAOZZ	5310-00-928-9824	PE52A	66289	WASHER, LOCK MAGNETO DRIVE MTG	EA	3
9	4	XBOZZ		PDI0	66289	NUT, PLAIN, HEXAGON MAGNETO DRIVE MTG	EA	1
9	5	XBOZZ		PB164	66289	BOLT, MACHINE MAGNETO MTG, UPPER HOLE	EA	1
9	6	KFOZZ		QD570A	66289	GASKET MAGNETO CEX	EA	1
9	7	XBOZZ	3020-00-672-9510	GD87C	66289	GEAR, MAGNETO DRIVE	EA	1
9		PAOZF	2920-00-790-8746	FMPE1B7	82796	MAGNETO, IGNITION	EA	1
9	8	PAOZZ	5305-00-281-6387	10S10D	82796	• SCREW, CAP	EA	4
9	9	XAOZZ		J2430A	82796	• COVER, END	EA	1
9	10	PAOZZ	5330-00-2[illegible]3489	N2498	82796	• GASKET END CAP TO HOUSING	EA	1
9	11	PAOZZ	5305-00-042-0461	8S4U	82796	• SCREW, MACHINE CAPACITOR MTG	EA	1
9	12	XBOZZ		A2492D	82796	• WASHER, FLAT GROUND SWITCH	EA	1
9	13	XBOZZ		SXY2433	21387	• CAPACITOR, FIXED	EA	1
9	14	XBOZZ		6S6U	82796	• SCREW, MACHINE BREAKER ARM TERMINAL AND CONTACT SUPPORT	EA	1
9	15	PAOZZ	5310-00-221-3153	B5969	82796	• WASHER, LOCK CONTACT	EA	1
9	16	XBOZZ	2920-00-786-5626	Q2437AX	82796	• CONTACT SET, DISTRIB	EA	1
9	17	XAOZZ		V1498	82796	• RING, RETAINING FULCRUM PIN	EA	1
9	18	XAOZZ		G2788	82796	• CAM WICK AND HOLDER	EA	1
9	19	XAOZZ		L2788	82796	• WICK BREAKER ARM	EA	1
9	20	XBOZZ		8S6G	82796	• SCREW, MACHINE BEARING SUPPORT	EA	4
9	21	XAOZZ		BY4631	82796	• SUPPORT BEARING	EA	1
9	22	XAOZZ		A5950A	82796	• BEARING, SLEEVE ROTOR, CAM END	EA	1
9	23	XAOZZ		C5963	66289	• WIRE, LUCK IMPULSE COUPLING NUT	EA	1
9	24	XAOZZ		M2570	21387	• NUT, CASTELLATED IMPULSE COUPLING	EA	1
9	25	XAOZZ		A2572	82796	• BEARING, SLEEVE IMPULSE COUPLING	EA	1
9	26	XAOZZ		SZ2563	82796	• HUB, ASSEMBLY COUPLING	EA	1
9	27	XAOZZ		D2565	82796	• SPRING, SPIRAL IMPULSE COUPLING DRIVE	EA	1
9	28	XAOZZ		LV2563C	82796	• COUPLING ASSEMBLY	EA	1
9	29	PAOZZ	5310-00-285-[illegible]591	A2492A	82796	• WASHER, FLAT ROTOR DRIVE END SEAL	EA	1
9	30	XAOZZ		G3861	82796	• SEAL, PLAIN ROTOR DRIVE END	EA	1
9	31	PAOZZ	5310-00-205-7931	A2492C	82796	• WASHER, FLAT ROTOR DRIVE END SEAL	EA	2
9	32	XAOZZ		B1498D	82796	• RING, RETAINING ROTOR DRIVE END SHAFT	EA	1
9	33	XAOZZ		C5949	21387	• BEARING, BALL ROTOR DRIVE END	EA	1
9	34	XAOZZ		B1498D	21387	• CLIP, RETAINING ROTOR DRIVE END BEARING	EA	1
9	35	XAOZZ		3K1	82796	• KEY, WOODRUFF ROTOR SHAFT TO IMPULSE COUPLING	EA	1
9	36	XAOZZ		US2480	82796	• ROTOR MAGNETIC	EA	1
9	37	PAOZZ	5305-00-498-6805	6S4L	82796	• SCREW, MACHINE VENT COVER	EA	2
9	38	XAOZZ		B6030A	21387	• COVER, VENT MAGNETIC COIL	EA	2
9	39	XAOZZ		C6032B	82796	• STRAINER ELEMENT, SE	EA	2

(1) ILLUSTRATION (a) FIG NO.	(1) ILLUSTRATION (b) ITEM NO.	(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
9	40	XAOZZ		S2568	82796	• SETSCREW	EA	1
9	41	XBOZZ		6S3W	82796	• SCREW, ASSEMBLED COIL CLIP	EA	1
9	42	XAOZZ		D6120	87296	• CLIP, ROLL	EA	1
9	43	XBOZZ	2920-00-349-3887	T2477C	82796	• COIL, MAGNETO	EA	1
9	44	XAOZZ		31SS12B	82796	• SETSCREW HOUSING	EA	2
9	45	XAOZZ		RX2425	82796	• HOUSING, MAGNETO	EA	1
9		XBOZZ		SD108	66289	• PLATE, INSTRUCTION SWITCH ASSY	EA	1
9		PAOZZ	5330-00-912-4316	Q2B	66289	GASKET SET ENGINE OVERHAUL	EA	1

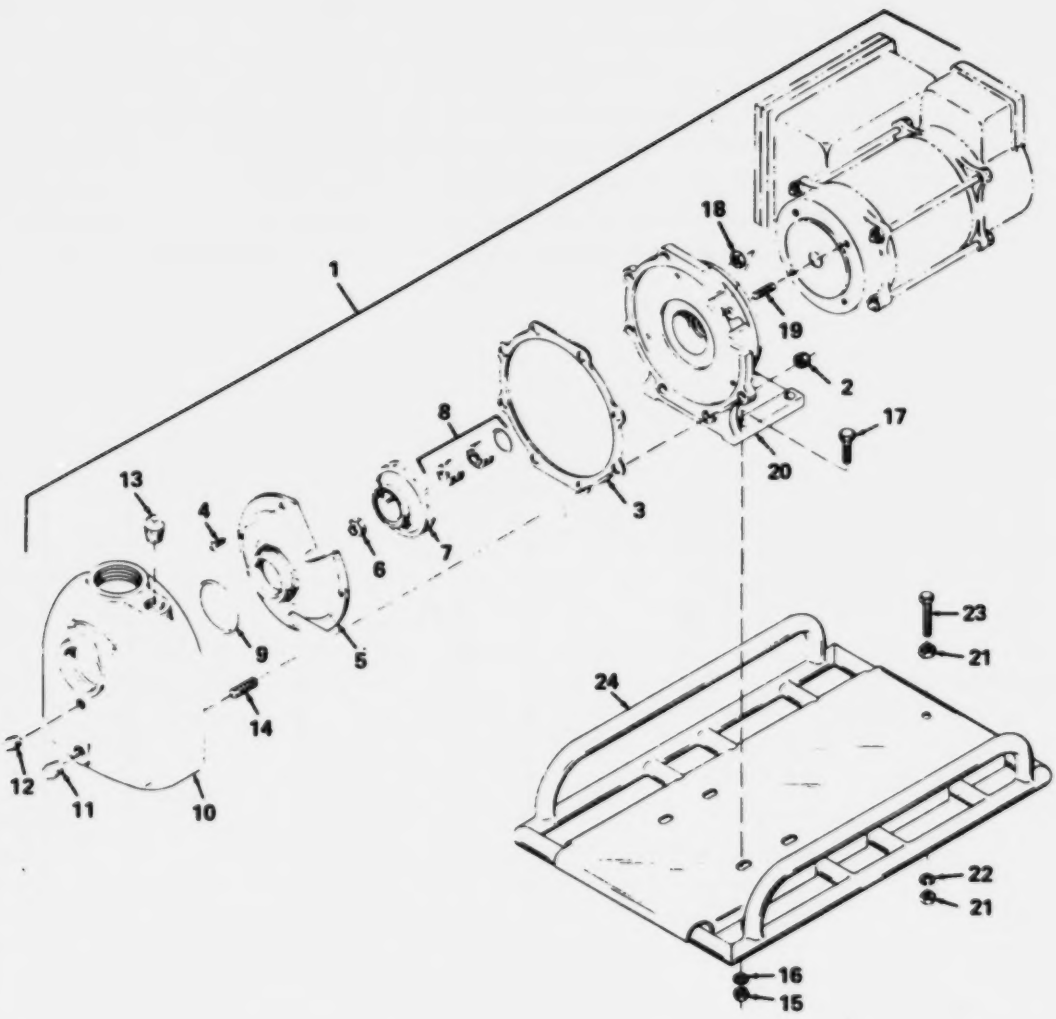

Figure 10. Pump

(1) ILLUSTRATION (a) FIG NO.	(1) ILLUSTRATION (b) ITEM NO.	(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
10		XBOZZ		11570-02E 13X242	25567	PUMP AND MOTOR	EA	1
10	1	XBOZZ		13633	25567	• PUMP UNIT	EA	1
10	2	PAFZZ	5310-00-732-0558	MS51967-8	96906	• • NUT, PLAIN HEXAGON	EA	20
10	3	XBFZZ		2958GA	25567	• • GASKET VOLUTE CASING	EA	1
10	4	PAFZZ	5305-00-637-1119	MS35214-69	96906	• • SCREW, MACHINE	EA	3
10	5	XBFZZ		6368	25567	• • PLATE VANE	EA	1
10	6	XBFZZ		DC075	25567	• • NUT, SELF-LOCKING IMPELLER SHAFT	EA	1
10	7	XBFZZ		6369	25567	• • IMPELLER	EA	1
10	8	XBFZZ		FSP12239 B27P271	00648	• • SEAL ASSEMBLY	EA	1
10	9	PAFZZ	5330-00-291-3080	MS29513-146	96906	• • PACKING, PREFORMED VAN MTG	EA	1
10	10	XBOZZ		6366	25567	• • HOUSING, VOLUTE	EA	1
10	11	XBOZZ		P08	25567	• • PLUG, PIPE	EA	1
10	12	PAOZZ	4730-00-136-1119	P04	25567	• • PLUG, PIPE	EA	1
10	13	XBOZZ		P12	25567	• • PLUG, PIPE	EA	1
10	14	XBFZZ	5307-00-360-0720	C0606	25567	• • STUD, CONTINUOUS INTERMEDIATE HOUSING	EA	12
10	15	PAOZZ	5310-00-732-0558	MS51967-8	96906	• • NUT, PLAIN HEXAGON PUMP FRAME	EA	4
10	16	PAOZZ	5310-00-627-6128	MS35338-46	96906	• • WASHER, LOCK PUMP FRAME	EA	7
10	17	PAOZZ	5305-00-269-3214	MS90725-64	96906	• • SCREW, CAP, HEXAGON PUMP	EA	4
10	18	PAFZZ	5310-00-732-0558	MS51967-8	96906	• • NUT, PLAIN, HEXAGON MOTOR INTERMEDIATE	EA	4
10	19	XBFZZ	5307-00-360-0720	C0606	25567	• • STUD, CONTINUOUS MOTOR INTERMEDIATE	EA	1
10	20	XBFZZ		6367	25567	• • BRACKET INTERMEDIATE	EA	2
10	21	PAFZZ	5310-00-732-0558	MS51967-8	96906	• NUT, PLAIN, HEXAGON MOTOR SUPPORT	EA	1
10	22	PAFZZ	5310-00-627-6128	MS35338-46	96906	• WASHER, LOCK MOTOR SUPPORT	EA	1
10	23	PAOZZ	5305-00-269-3218	MS90725-68	96906	• SCREW, CAP, HEXAGON MOTOR SUPPORT	EA	1
10	24	XBOZZ		13667	25567	• MOUNTING ASSEMBLY ELECTRIC MOTOR AND PUMP	EA	1

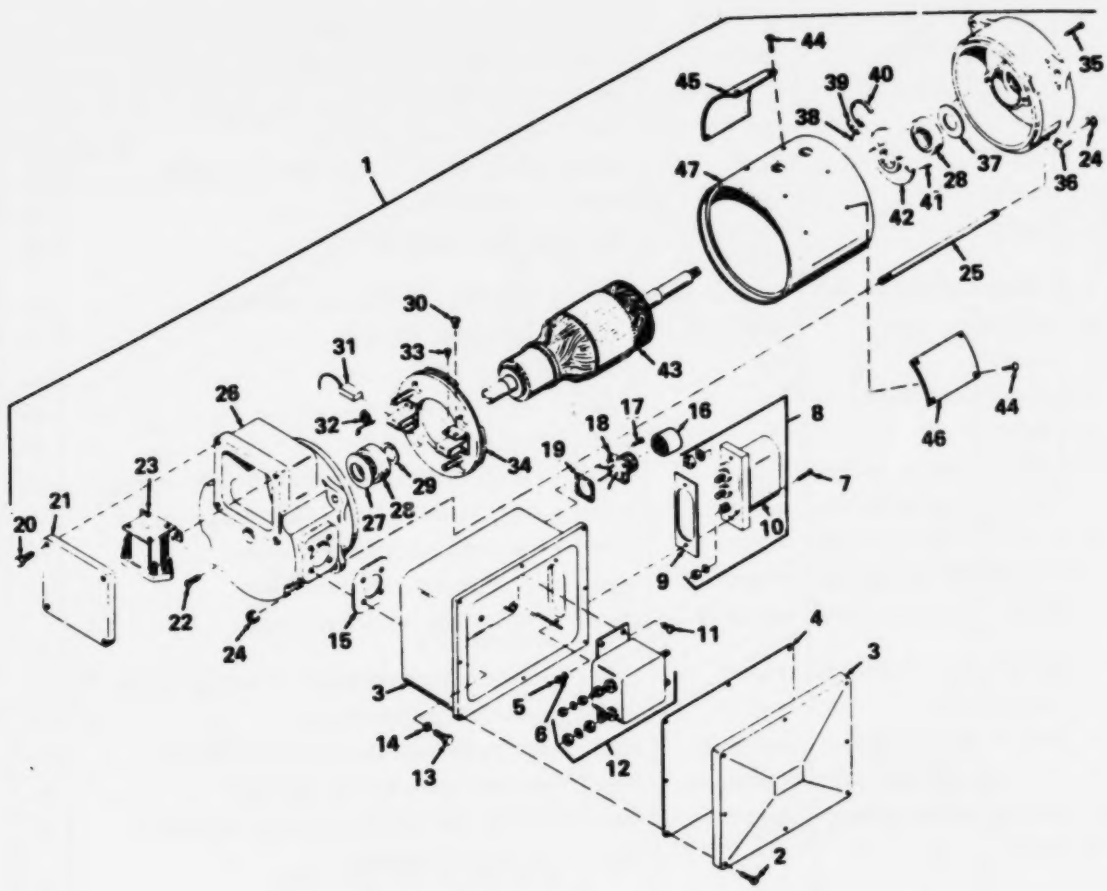

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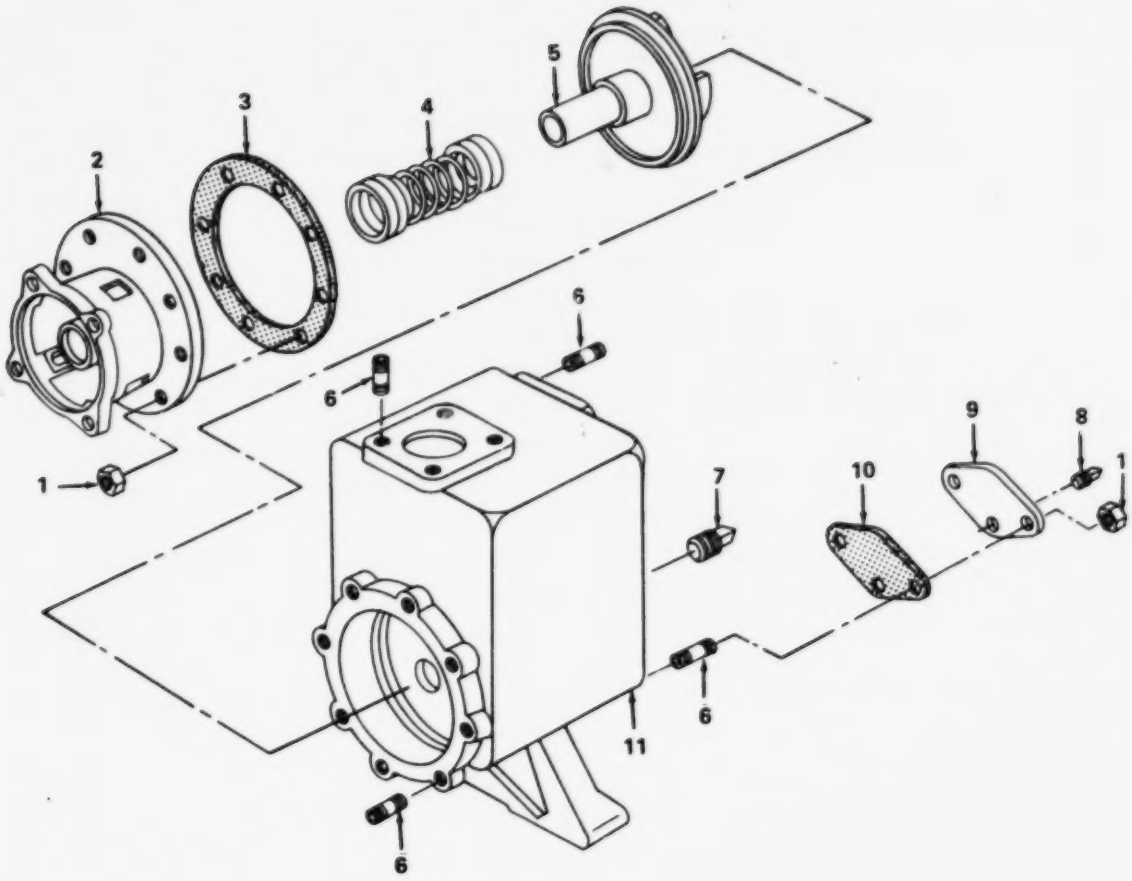
Figure 11. Motor

(1) ILLUSTRATION (a) FIG NO.	(1) ILLUSTRATION (b) ITEM NO.	(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
11	1	XBOZZ		X242-3A	50380	• MOTOR, DIRECT	EA	1
11	2	XBFZZ		X5-03-4	50380	• • SCREW, MACHINE BOX COVER MTG	EA	8
11	3	XBHZZ		163P03	50380	• • CONDUIT BOX	EA	1
11	4	XBFZZ		91P10	50380	• • GASKET JUNCTION BOX COVER	EA	1
11	5	XBFZZ		50160	50380	• • NUT, PLAIN, HEXAGON CONNECTOR BOX	EA	2
11	6	PAFZZ	5310-00-596-7691	MS35335-32	96906	• • WASHER, LOCK CONNECTOR BOX	EA	2
11	7	XBFZZ		54461	50380	• • SCREW, MACHINE CONNECTOR BOX	EA	2
11	8	XBFZZ		170A36	50380	• • CONNECTOR ASSEMBLY	EA	1
11	9	XBFZZ		91P95	50380	• • • GASKET CONNECTOR ASSY	EA	1
11	10	XBFZZ		23P07	50380	• • • CONNECTOR	EA	1
11	11	XBFZZ		505C8	50380	• • SCREW, MACHINE FILTER BOX	EA	6
11	12	XBFZZ		JN14828A	56289	• • FILTER, INTERFERENCE COMBINATION FILTER CONDENSER AND RESISTOR	EA	1
11	13	XBHZZ		53204	50380	• • SCREW, CAP, HEXAGON BOX, REAR END	EA	8
11	14	PAHZZ	5310-00-550-1130	MS35333-40	96906	• • WASHER, LOCK BOX, REAR HEAD	EA	4
11	15	XBFZZ		91P04	50380	• • GASKET JUNCTION BOX	EA	1
11	16	XBFZZ	5935-00-581-4558	MS25043-16C	96906	• • COVER, ELECTRICAL	EA	1
11	17	XBFZZ		54029	50380	• • SCREW, MACHINE CONNECTOR BOX	EA	4
11	18	XBFZZ		MS3102A 16S6S	96906	• • CONNECTOR	EA	1
11	19	XBFZZ		91PC6	50380	• • GASKET CONNECTOR	EA	1
11	20	XBFZZ		53204	50380	• • SCREW, CAP, HEXAGON COVER, REAR HEAD	EA	4
11	21	XBFZZ		856164	50380	• • COVER, INSPECTION	EA	1
11	22	XBFZZ		50608	50380	• • SCREW, MACHINE RELAY, REAR HEAD	EA	2
11	23	PAFZZ	5945-00-502-9643	6041H80A	15605	• • RELAY, ELECTROMAGNET 100 AMP-28VDC	EA	1
11	24	XBFZZ		50155	50380	• • NUT, PLAIN, HEXAGON HEAD, FRONT AND REAR	EA	8
11	25	XBFZZ		756367	50380	• • STUD HEAD, FRONT AND REAR	EA	4
11	26	XAFZZ		856165	50380	• • HEAD REAR	EA	1
11	27	XBFZZ		57081	50380	• • SPRING, THRUST	EA	1
11	28	PAFZZ	3110-00-144-8603	204SFF	38443	• • BEARING, BALL, ANNULA ANNULAR	EA	2
11	29	XBFZZ		134P01	50380	• • PLATE, BEARING BACK	EA	1
11	30	XBHZZ		53570	50380	• • SCREW, MACHINE	EA	2
11	31	XBFZZ		60310	50380	• • BRUSH ELECTRICAL CONTACT	EA	4
11	32	XBFZZ		16483	50380	• • SPRING HOLDER ASSEMBLY, ELECTRICAL CONTACT	EA	4
11	33	XBHZZ		50303	50380	• • SCREW, MACHINE	EA	2
11	34	XBHZZ		49934	50380	• • HOLDER, ASSEMBLY ELECTRICAL CONTACT	EA	1
11	35	XBFZZ		54127	50330	• • SCREW, MACHINE	EA	2
11	36	XAFZZ		856207	50380	• • HEAD, FRONT	EA	1
11	37	XBFZZ		50324	50380	• • SHIM	EA	1
11	38	XBFZZ		56546	50380	• • SCREW, MACHINE CLIP SPRING	EA	2
11	39	XBFZZ		481053	50380	• • CLIP, SPRING	EA	1

(1) ILLUSTRATION (a) FIG NO.	(1) ILLUSTRATION (b) ITEM NO.	(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
11	40	XBFZZ		481052	50380	• • SPRING	EA	1
11	41	XBFZZ		162758	50380	• • BRUSH, ELECTRICAL GROUNDING	EA	1
11	42	XBFZZ		121712	50380	• • RING ASSEMBLY GROUNDING	EA	1
11	43	XBFZZ		MTR-STYLE 377082	50380	• • ARMATURE, MOTOR (ORDER ARMATURE FOR MOTOR STYLE, NO. 377082)	EA	1
11	44	XBHZZ		AN302-14-2	88044	• • PIN, ESCUTCHEON MOTOR PLATE MTG	EA	12
11	45	XBHZZ		13646	25567	• • PLATE, INSTRUCTION FLOW DIRECTION	EA	1
11	46	XBHZZ		13644	25567	• • PLATE	EA	1
11	47	XBHZZ		02953	50380	• • STATOR, MOTOR	EA	1
11		XBFZZ		5889	25567	• • SHIM SEAT	EA	1
11		XBFZZ		8096	50380	• • WICKING	EA	1
11		XBHZZ		54474	50380	• • SCREW, MACHINE STATOR POLE PIECE	EA	6
11		PAHZZ	5310-00-194-9211	MS35336-27	96906	• • WASHER, LOCK STATOR POLE PIECE	EA	6
11		XBHZZ		54474	50380	• • SCREW, MACHINE INTERPOLE STATOR	EA	2
11		PAHZZ	5310-00-194-9211	MS35336-27	96906	• • WASHER, LOCK INTERPOLE STATOR	EA	2
11		XBHZZ		9700-01-03	82647	• • SWITCH, THERMAL	EA	1
11		XBHZZ		122282	50380	• • LEAD, ELECTRICAL	EA	1
11		XBHZZ		122173	50380	• • LEAD, ELECTRICAL	EA	1
11		XBHZZ		122172	50380	• • LEAD, ELECTRICAL	EA	2



TS 4930-204-23P/12

Figure 12. Pump

(1) ILLUSTRATION (a) FIG NO.	(1) ILLUSTRATION (b) ITEM NO.	(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
12		XBOZZ		026A	00299	PUMP, CENTRIFUGAL W/O ENGINE (COMPONENTS SAME AS PUMP CENTRIFUGAL, PN 117-54) ..CEW	EA	1
12		XBOZZ	4320-00-735-4406	117-54	01400	PUMP, CENTRIFUGAL W/O ENGINE .....CES, CET, CEU, CEV, CEX	EA	1
12	1	PAOZZ	5310-00-732-0558	MS51967-8	96906	• NUT, PLAIN, HEXAGON PUMP TO COUPLING AND CLEAN-OUT COVER MTG	EA	10
12	2	XBOZZ	4930-00-224-7517	C533A	00299	• COUPLER, HOUSING PUMP TO ENGINE (J/O PUMP CENTRIFUGAL, PN U26A ONLY) ...CEW	EA	1
12	2	XBOZZ		115-86	01400	• COUPLER, HOUSING PUMP TO ENGINE (J/O PUMP CENTRIFUGAL, PN 117-54 ONLY) .....CES, CET, CEU, CEV, CEX	EA	1
12	3	XBFZZ	5330-00-735-4404	D1053-1	00299	• GASKET PUMP TO COUPLER	EA	1
12	4	PAOZZ	4930-00-735-4403	CFSP13295	71724	• SEAL ASSEMBLY, SHAFT	EA	1
12	5	XBOZZ	4320-00-232-5428	C522	00299	• IMPELLER, PUMP .....CEW	EA	1
12	5	XBOZZ	4930-00-735-4402	115-85	01400	• IMPELLER, PUMP .....CES, CET, CEU, CEV, CEX	EA	1
12	6	PAOZZ	5307-00-360-0579	115-91	01400	• STUD, PLAIN PUMP TO COUPLER FLANGE AND CLEAN-OUT COVER	EA	18
12	7	PAOZZ	4730-00-011-3178	113178	24817	• PLUG, PIPE DRAIN	EA	1
12	8	XBOZZ		L219105-2	06840	• PLUG, PIPE CLEAN-OUT COVER	EA	1
12	9	XBOZZ		115-94	01400	• COVER, ACCESS	EA	1
12	10	PAOZZ	5330-00-735-4405	115-100	01400	• GASKET CLEAN-OUT COVER	EA	1
12	11	XBOZZ		C531	00299	• CASE, PUMP .....CEW	EA	1
12	11	XBOZZ		115-59	01400	• CASE, PUMP .....CES, CET, CEU, CEV, CEX	EA	1

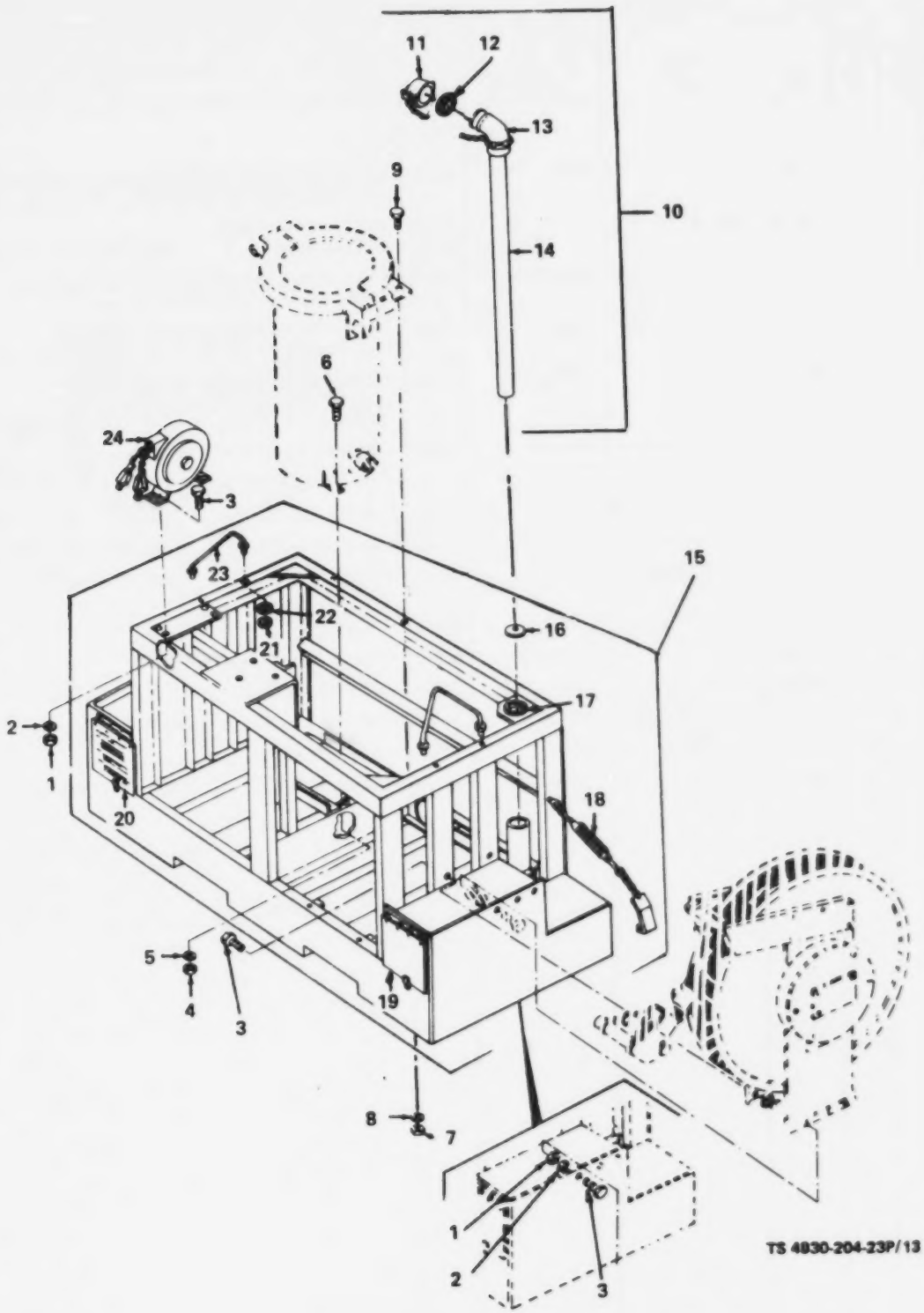


Figure 13. Frame, Hose Reel, Ground Reel, Filter

(1) ILLUSTRATION (a) FIG NO	(1) ILLUSTRATION (b) ITEM NO	(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
13	1	PAOZZ	5310-00-087-4652	MS51922-17	96906	NUT, PLAIN, HEXAGON GROUND AND HOSE REEL MTG	EA	14
13	2	PAOZZ	5310-00-637-9541	MS35338-46	96906	WASHER, LOCK GROUND AND HOSE REEL MTG	EA	14
13	3	PAOZZ	5305-00-269-3214	MS90725-64	96906	SCREW, CAP, HEXAGON GROUND AND HOSE REEL	EA	14
13	4	PAOZZ	5310-00-225-6993	MS51922-33	96906	NUT, SELF-LOCKING	EA	2
13	5	PAOZZ	5310-00-809-5996	MS27183-18	96906	WASHER, FLAT CES, CET, CEU, CEV, CEW	EA	2
13	6	PAOZZ	5305-00-044-4153	MS90725-109	96906	SCREW, CAP, HEXAGON H CES, CET, CEU, CEV, CEW	EA	2
13	7	PAOZZ	5310-00-087-4652	MS51922-17	96906	NUT, SELF-LOCKING, HE CES, CET, CEU, CEV, CEW	EA	2
13	8	PAOZZ	5310-00-627-8128	MS35335-35	96906	WASHER, LOCK CES, CET, CEU, CEV, CEW	EA	2
13	9	PAOZZ	5305-00-269-3214	MS90725-64	96906	SCREW, CAP, HEXAGON H CES, CET, CEU, CEV, CEW	EA	4
13	10	XBOZZ	4930-00-976-3109	115-62	01400	UNLOADER, DRUM	EA	1
13	11	XBOZZ		MS27028-9	01400	• CAP, PROTECTIVE, DUST	EA	1
13	12	PAOZZ	5330-00-360-0595	MS27030-5	96906	• GASKET, FEMALE	EA	1
13	13	XBOZZ		115-42	01400	• COUPLING HALF, QUICK MALE	EA	1
13	14	XBOZZ	4710-00-483-0910	115-113	01400	• PIPE, ALUMINUM	EA	1
13	15	XBFZZ		115-3	01400	FRAME ASSEMBLY WELDED	EA	1
13	16	PAOZZ	5330-00-735-4454	115-126	01400	• WASHER, NONMETALLIC SUCTION STUB TO FRAME	EA	1
13	17	PAOZZ	5325-00-943-6697	115-146	01400	• GROMMET, NONMETALLIC SUCTION STUB BRACKET	EA	1
13	18	XBOZZ	4930-00-191-7011	115-148	01400	• TIE-DOWN ASSEMBLY PUMPING ASSEMBLY	EA	2
13	19	XBOZZ	4930-00-191-7018	115-77-2	01400	• DOOR, ACCESS RH	EA	1
13	20	XBOZZ		115-774-1	01400	• PLATE, INSTRUCTION LH DOOR	EA	1
13	21	PAOZZ	5310-00-880-8189	MS51967-11	96906	• NUT, PLAIN, HEXAGON LIFTING LOOP MTG	EA	4
13	22	PAOZZ	5310-00-012-0384	MS35338-29	96906	• WASHER, LOCK LIFTING LOOP MTG	EA	4
13	23	XBOZZ	4930-00-482-5926	115-19	01400	• LOOP ASSEMBLY LIFTING	EA	2
13	24	PAFZZ	4930-00-563-3666	3000-1	82366	REEL ASSEMBLY	EA	1

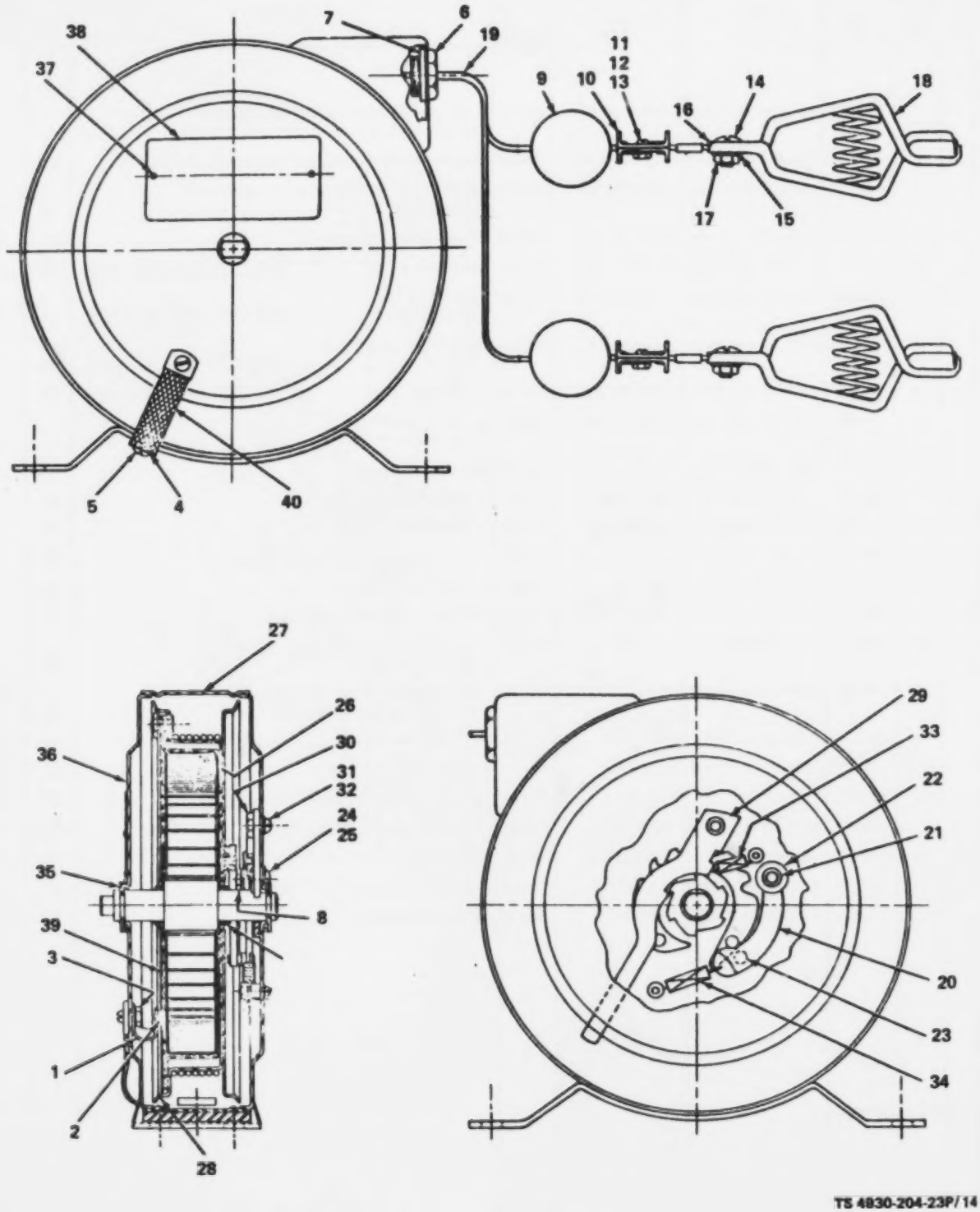


Figure 14. Ground Reel

(1) ILLUSTRATION (a) FIG NO.	(1) ILLUSTRATION (b) ITEM NO.	(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
14		PAFZZ	5977-00-650-8961	30041	82366	• BRUSH ASSY, GROUNDING	EA	1
14	1	XAFZZ		30018	82366	• • BRUSH CES, CET, CEU, CEV, CEW	EA	1
14	3	XAFZZ		151P10	82366	• • NUT CES, CET, CEU, CEV, CEW	EA	1
14	4	XBOZZ		103P10	82366	• • WASHER, LOCK GROUND STRAP MTG	EA	2
14	5	XBOZZ		2P100-1	82366	• • SCREW, MACHINE GROUND STRAP MTG	EA	2
14	6	XBOZZ		30019	82366	• GUIDE, CABLE OUTLET	EA	1
14	7	XBOZZ		155P10	82366	• NUT, PLAIN, HEXAGON CABLE GUIDE MTG	EA	1
14		PAFZZ	4930-00-735-4371	30068	82366	• CABLE ASSEMBLY, STAT	EA	1
14	9	XBOZZ		27077	82366	• • BUMPER, RUBBER CABLE STOP	EA	2
14		XBOZZ		30055	82366	• • STOP ASSEMBLY	EA	2
14	10	XAOZZ		13614	82366	• • CLAMP	EA	4
14	11	XAOZZ		2P101-3	82366	• • SCREW, MACHINE	EA	4
14	12	XAOZZ		101P4	82366	• • WASHER, LOCK	EA	4
14	13	XAOZZ		151P15	82366	• • NUT, PLAIN, HEXAGON	EA	4
14		XBOZZ		30096	82366	• • CLIP, ELECTRICAL	EA	2
14	14	XAOZZ		5P100-1	82366	• • SCREW, MACHINE	EA	1
14	15	XAOZZ		101P10	82366	• • WASHER, LOCK	EA	1
14	16	XAOZZ		126P15	82366	• • WASHER, PLAIN	EA	1
14	17	XAOZZ		151P20	82366	• • NUT, PLAIN, HEXAGON CLIP MTG	EA	1
14	18	PCOZZ	5999-00-735-4393	651P10	82366	• • CLIP, ELECTRICAL CES, CET, CEU, CEV, CEW	EA	1
14	19	XBFZZ		30069	82366	• CABLE	EA	2
14	20	XBFZZ		27411	82366	• LEVER SCROLL LOCK	EA	1
14	21	XBFZZ		27413	82366	• BUSHING, SLEEVE SCROLL LOCK LEVER	EA	1
14	22	XBFZZ		30020	82366	• SPACER SCROLL LOCK LEVER	EA	1
14	23	XAFZZ		30023	82366	• PIN CES, CET, CEU, CEV, CEW	EA	1
14	24	PAFZZ	5310-00-045-3299	MS35338-42	96906	• WASHER, LOCK CES, CET, CEU, CEV, CEW	EA	1
14	25	XBFZZ		102P10	82366	• WASHER CES, CET, CEU, CEV, CEW	EA	1
14	26	XBFZZ		30045	82366	• MAIN SPRING AND	EA	1
14	27	XBFZZ		30046	82366	• HOUSING	EA	1
14	28	XBFZZ		30047	82366	• DRUM ASSEMBLY CES, CET, CEU, CEV, CEW	EA	1
14	29	XBFZZ		30015	82366	• LEVER, RATCHET	EA	1
14	30	XBFZZ		30017	82366	• BUSHING RATCHET LEVER	EA	1
14	31	XBFZZ		2P102	82366	• SCREW CES, CET, CEU, CEV, CEW	EA	1
14	32	XBFZZ		103P25	82366	• WASHER, LOCK CES, CET, CEU, CEV, CEW	EA	1
14	33	XBFZZ		30049	82366	• SPRING ASSEMBLY	EA	1
14	34	XBFZZ		30050	82366	• SPRING ASSEMBLY SCROLL LOCK	EA	1
14	35	XBFZZ		30051	82366	• MAIN SHAFT ASSEMBLY	EA	1
14	36	XBFZZ		30052	82366	• COVER ASSEMBLY CES, CET, CEU, CEV, CEW	EA	1

(1) ILLUSTRATION (a) FIG NO.	(1) ILLUSTRATION (b) ITEM NO.	(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
14	37	XBFZZ		1137P10	82366	• SCREW .....CES, CET, CEU, CEV, CEW	EA	2
14	38	XBOZZ		30027	82366	• PLATE GROUND REEL	EA	1
14	39	XBFZZ		30053	82366	• COVER ASSEMBLY ....CES, CET, CEU, CEV, CEW	EA	1
14	40	PAOZZ	5920-00-675-4952	27016	82366	• STRAP GROUND	EA	1

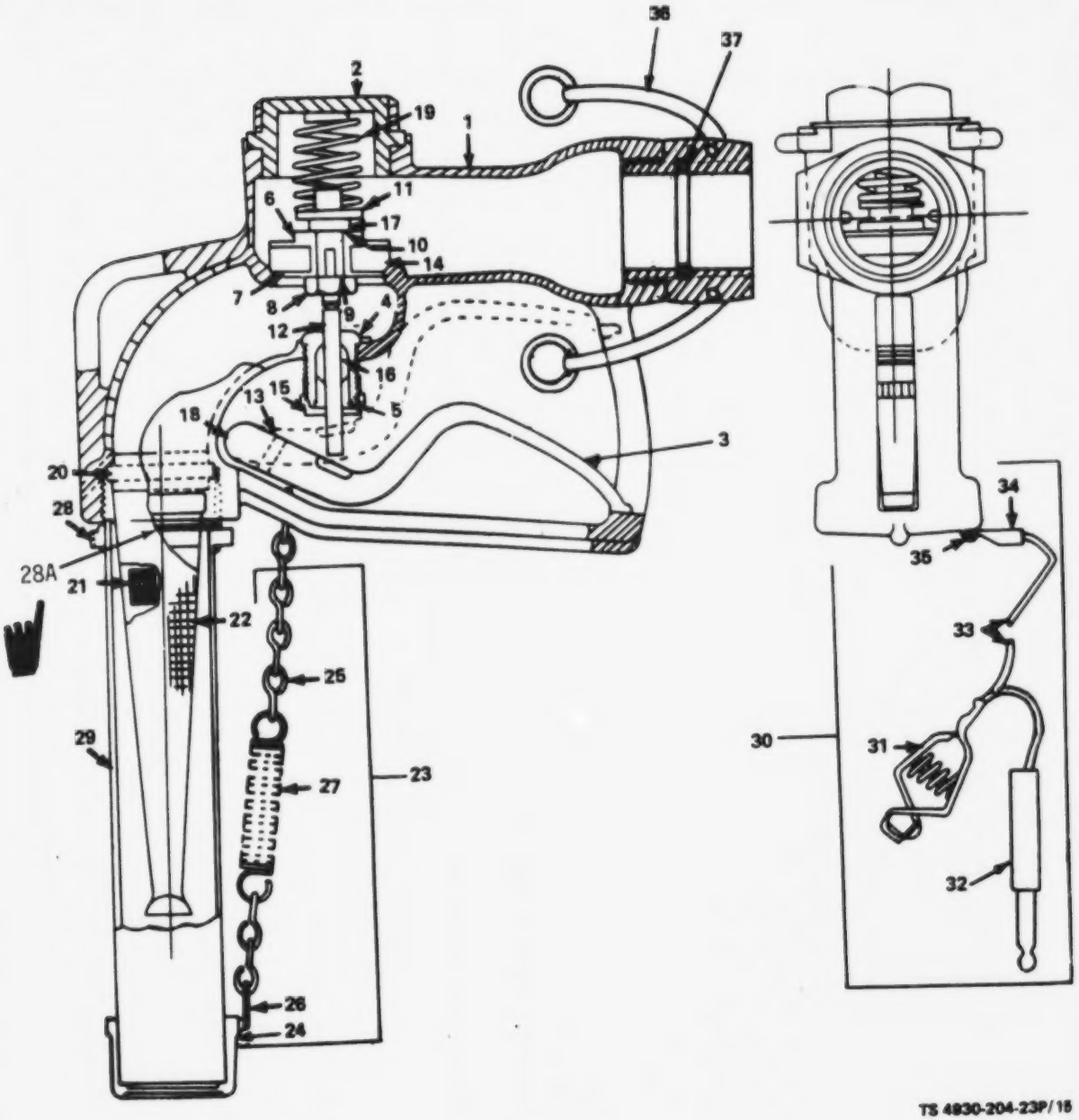


Figure 15. Nozzle

(1) ILLUSTRATION (a) FIG NO.	(1) ILLUSTRATION (b) ITEM NO.	(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION USABLE ON CODE	(7) U/M	(9) QTY INC IN UNIT
15		XBOZZ		190GALUM 1-1-2	81718	NOZZLE, FUEL AND OIL	EA	2
15	1	XAOZZ		0102A	81718	• BODY	EA	1
15	2	XAOZZ		H1669B	81718	• CAP	EA	1
15	3	XAOZZ		H1668B	81718	• LEVER	EA	1
15	4	XAOZZ		H195RB	81718	• BOX, STUFFING	EA	1
15	5	XAOZZ		H7012RB	81718	• PACKING, GLAND	EA	1
15	6	XAOZZ		H1670B	81718	• HOLDER, LOWER, DISC	EA	1
15	7	XAOZZ		H428RA	81718	• DISC, LOWER LOWER	EA	1
15	8	XAOZZ		H213RB	81718	• NUT, PLAIN, HEXAGON LOWER DISC	EA	1
15	9	XAOZZ		H534RA	81718	• HOLDER, UPPER DISC	EA	1
15	10	XAOZZ		H7250M	81718	• WASHER, UPPER DISC	EA	1
15	11	XAOZZ		H305RA	81718	• NUT, UPPER DISC	EA	1
15	12	XAOZZ		A538RS	81718	• STEM	EA	1
15	13	XBOZZ	5315-00-168-6443	H1471M	81718	• PIN, COTTER	EA	1
15	14	KFOZZ		H502M	81718	• DISC, LOWER	EA	1
15	15	KFOZZ		H113RA	81718	• NUT, PACKING	EA	1
15	16	KFOZZ		H714M	81718	• PACKING, PREFORMED	EA	1
15	17	XAOZZ		H58M	81718	• DISC, UPPER	EA	1
15	18	XAOZZ		H3353M	81718	• RIVET, LEVER	EA	1
15	19	XAOZZ		H2061M	81718	• SPRING	EA	1
15	20	XAOZZ		H4198B	81718	• FERRULE	EA	1
15	21	XAOZZ		H4170M	81718	• SCREEN (100 MESH)	EA	1
15	22	XAOZZ		H4169M	81718	• SCREEN (8 MESH)	EA	1
15	23	XBOZZ	4930-00-119-0452	296CAALUM	81718	• CAP ASSEMBLY, DUST	EA	1
15	24	XAOZZ		H3804A	81718	• • CAP	EA	1
15	25	XAOZZ		H284M	81718	• • CHAIN, LINK, BRASS	EA	2
15	26	XAOZZ		H3673M	81718	• • HOOK, CHAIN, S	EA	2
15	27	XAOZZ		H3667M	81718	• • SPRING, HELICAL	EA	1
15		XBOZZ		296	81718	• SPOUT ASSEMBLY	EA	1
15	28	XAOZZ		3146B	81718	• • ADAPTER	EA	1
15	29	XAOZZ		H3163RB	81718	• • TUBE, METAL	EA	1
15	30	XBOZZ	4010-00-997-9744	190W	81718	• STRAND, WIRE ROPE	EA	1
15	31	XAOZZ		H5482M	81718	• • CLIP, ELECTRICAL GROUND CABLE	EA	1
15	32	PBOZZ	5935-00-007-9202	MS3493-1	96906	• • PLUG, TIP	EA	1
15	33	XAOZZ		H3719M	81718	• • STRAND, WIRE ROPE	EA	1
15	34	XAOZZ		A1946M	81718	• • LUG, TERMINAL	EA	1
15	35	XAOZZ		H7396M	81718	• • SCREW, MACHINE TERMINAL LUG MTG	EA	1
15	36	XBOZZ	4730-00-203-1010	MS27026-9	96906	COUPLING HALF, QUICK	EA	2
15	37	PAOZZ	5330-00-360-0595	MS27030-5	96906	• GASKET ..... CES, CET, CEU, CEV, CEW	EA	1
15		XBOZZ	5975-00-577-8825	15675	05748	ROD AND WIRE	EA	1

(1) ILLUSTRATION (a) FIG NO.	(1) ILLUSTRATION (b) ITEM NO.	(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
15		XBOZZ		15765	05746	• ROD	EA	1
15		XBOZZ	4940-00-672-4771	15676SA	05746	• WIRE ASSEMBLY, GROUND GROUND	EA	1
15		PAOZZ	4930-00-904-1383	H4126	51718	PARIS KIT FUEL NOZZLE	EA	1

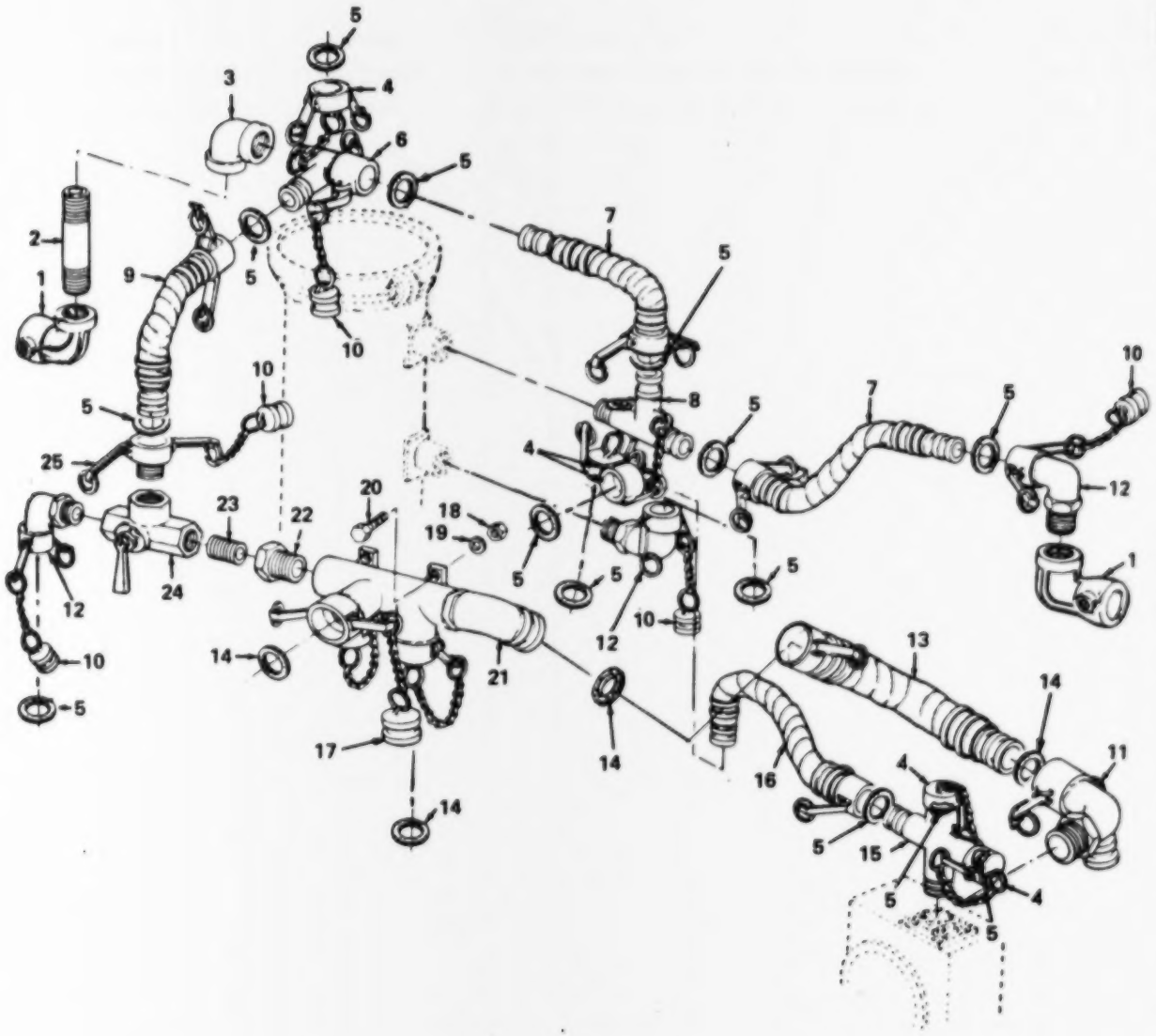


Figure 16. Manifold, Hose Assemblies and Fittings

(1) ILLUSTRATION (a) FIG NO.	(1) ILLUSTRATION (b) ITEM NO.	(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
16	1	XBOZZ		980-1-1-2	79515	SWING JOINT, PIPE HOSE REEL HUB	EA	2
16	2	PBOZZ	4730-03-164-6759	P1126	01400	NIPPLE, PIPE SWING JOINT, LH SIDE	EA	1
16	3	XBOZZ		801-1 ½	82666	ELBOW, PIPE NIPPLE TO ADAPTER TEE	EA	1
16	4	XBOZZ	4730-00-869-5246	MS27028-9	96906	CAP, PROTECTIVE, DUST	EA	5
16	5	PAOZZ	5330-00-360-0595	MS27030-5	96906	GASKET FEMALE COUPLING	EA	1
16	6	XBOZZ	4210-00-404-0650	115-222	01400	TEE SWING JOINT ELBOW	EA	1
16	7	XBOZZ	4720-00-191-6780	115-139-5	01400	HOSE ASSEMBLY FILTER TO REELS	EA	2
16	8	XBOZZ		115-39	01400	TEE FILTER OUTLET	EA	1
16	9	XBOZZ	4720-00-407-6415	115-139-1	01400	HOSE ASSEMBLY, NONME 3 WAY VALVE TO TEE	EA	1
16	10	XBOZZ	5340-00-823-5316	MS27029-9	96906	PLUG, PROTECTIVE	EA	5
16	11	XBOZZ	4730-00-735-4390	115-40	01400	COUPLING HALF, QUICK PUMP INLET	EA	1
16	12	XBOZZ	4730-00-735-4388	115-41	01400	COUPLING HALF, QUICK	EA	3
16	13	XBOZZ	4720-00-718-6023	115-138-1	01400	HOSE ASSEMBLY MANIFOLD TO PUMP	EA	1
16	14	PAOZZ	5310-00-612-2414	MS27030-6	96906	GASKET DUST CAP	EA	1
16	15	XBOZZ	4730-00-735-4389	115-33	01400	CROSS PUMP OUTLET	EA	1
16	16	XBOZZ	4720-00-563-4688	115-139-2	01400	HOSE ASSEMBLY PUMP TO FILTER	EA	1
16	17	XBOZZ	4730-00-915-5127	MS27029-11	96906	PLUG, PROTECTIVE	EA	3
16	18	PAOZZ	5310-00-087-4652	MS51922-17	96906	NUT, SELF-LOCKING MANIFOLD MTG	EA	3
16	19	PAOZZ	5310-00-044-6548	446548	24617	WASHER, FLAT MANIFOLD MTG	EA	3
16	20	PAOZZ	5305-00-269-3213	MS35297-62	96906	SCREW, CAP,HEXAGON MANIFOLD MTG	EA	3
16	21	XBOZZ	4730-00-735-4384	115-7	01400	MANIFOLD LIQUID DISTRIBUTOR	EA	1
16	22	XBOZZ		960957	47301	BUSHING, PIPE MANIFOLD TO VALVE	EA	1
16	23	PAOZZ	4730-00-359-5631	A24PNC	12793	NIPPLE, PIPE VALVE	EA	1
16	24	XBOZZ		7601-2	90800	VALVE 3 WAY SHUT-OFF	EA	1
16	25	XBOZZ	4730-00-203-1010	MS27026-9	96906	COUPLING HALF, QUICK VALVE TO HOSE	EA	1
16		XBOZZ		115-139-4	01400	HOSE ASSEMBLY	EA	2
16		PAOZZ	5330-00-360-0595	MS27030-5	96906	• GASKET COUPLING	EA	1
16		XBOZZ	4720-00-718-6020	115-139-3	01400	HOSE ASSEMBLY, NONME HOSE REEL	EA	2
16		PAOZZ	5330-00-360-0595	MS27030-5	96906	• GASKET COUPLING	EA	1
16		XBOZZ	4720-00-718-6024	115-138-2	01400	HOSE ASSEMBLY MANIFOLD TO TANK	EA	1
16		XBOZZ	4720-00-718-6027	115-138-3	01400	HOSE ASSEMBLY MANIFOLD TO TANK	EA	1
16		PAOZZ	5310-00-612-2414	MS27030-6	96906	• GASKET DUST CAP	EA	1

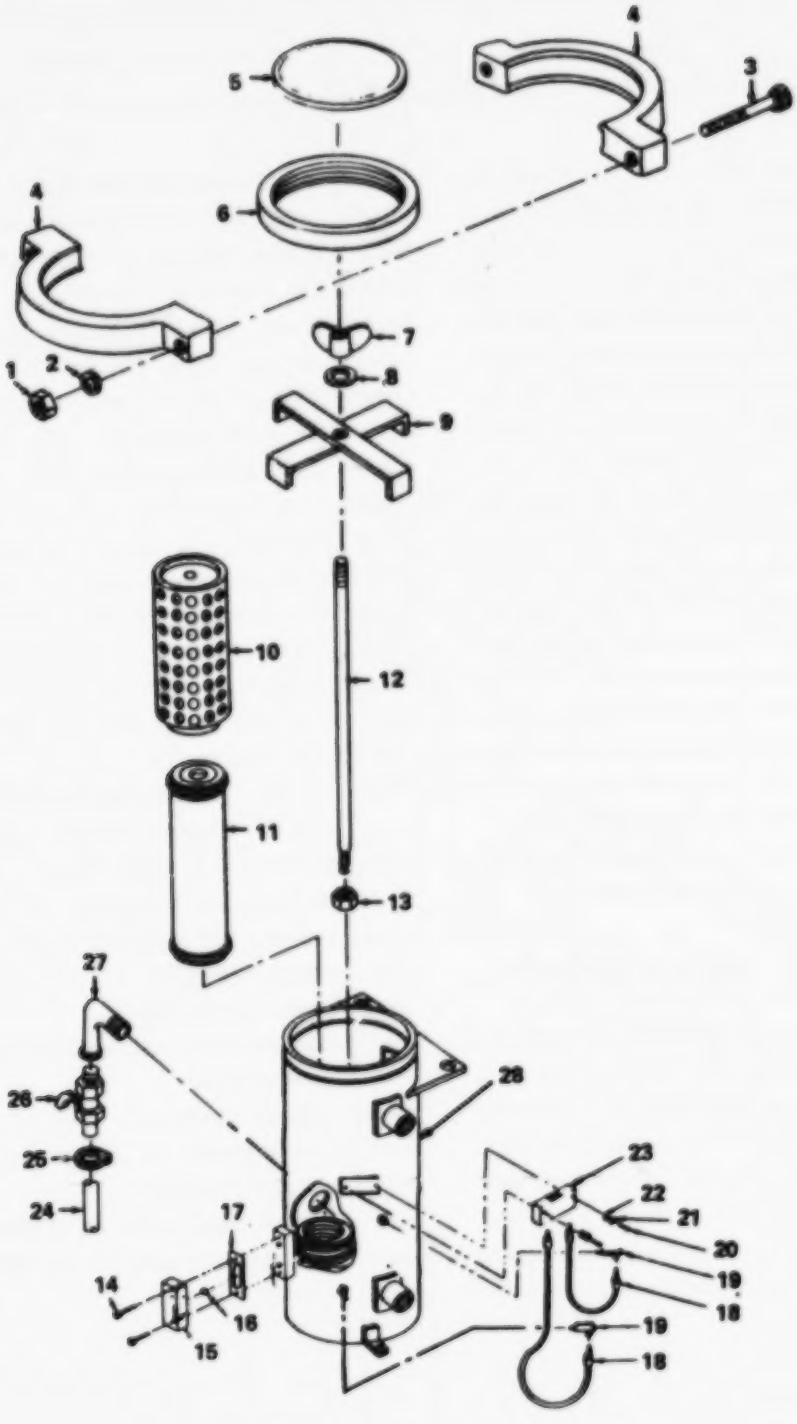


Figure 17. Filter/Separator

(1) ILLUSTRATION (a) FIG NO.	(1) ILLUSTRATION (b) ITEM NO.	(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION / USABLE ON CODE	(7) U/M	(9) QTY INC IN UNIT
17		XBOOZ		115-249	01400	FILTER SEPARATOR	EA	1
17	1	PAOZZ	5310-00-269-4040	MS51922-49	96906	• NUT, PLAIN, HEXAGON	EA	2
17	2	PAOZZ	5310-00-823-8803	MS27183-21	96906	• WASHER, FLAT CES, CET, CEU, CEV, CEW	EA	1
17	3	PAOZZ	5305-00-943-2094	MS35307-470	96906	• BOLT, SQUARE NECK COVER MTG	EA	2
17	4	XBOZZ	4730-00-735-4368	115-5-4	01400	• CLAMP, RIM CLENCHING	EA	1
17	5	XBOZZ		115-145	01400	• COVER, FLUID FILTER	EA	1
17	6	PAOZZ	5330-00-171-4827	G120B	26622	• GASKET COVER, FLUID FILTER	EA	1
17	7	XBOZZ	5310-00-274-9337	MS35425-36	96906	• NUT, WING RETAINER MTG	EA	1
17	8	XBOZZ	5310-00-809-3079	MS27183-19	96906	• WASHER, FLAT RETAINER MTG	EA	1
17	9	XBOZZ		115-282	01400	• RETAINER, CANNISTER	EA	1
17	10	XBOZZ	4930-00-072-8700	050205	06840	• CANNISTER	EA	2
17	11	PAOZZ	4330-00-983-0998	MILF52308	81349	• FILTER	EA	4
17	12	XBOZZ	5306-00-482-4405	115-160	01400	• ROD, THREADED CANNISTER RETAINER	EA	1
17	13	PAOZZ	5310-00-897-6082	MS35691-36	96906	• NUT, PLAIN, HEXAGON CES, CET, CEU, CEV, CEW	EA	2
17	14	XBOZZ	5305-00-983-8084	MS16997-60	96906	• SCREW, CAP, SOCKET	EA	2
17	15	XBOZZ		115-287	01400	• WINDOW, ACRYLIC	EA	1
17	16	XBOOZ		115-288	01400	• BALL, STEAL	EA	1
17	17	XBOZZ		115-286	01400	• GASKET WINDOW GAUGE	EA	1
17	18	PAOZZ	4720-00-007-2256	1890-7	14555	• HOSE ASSEMBLY, NONME CES, CET, CEU, CEV, CEW	EA	1
17	19	XBOOZ		115-284	01400	• ADAPTOR, UNION	EA	2
17	20	XBOZZ	5305-00-984-6216	MS35206-269	96906	• SCREW, MACHINE	EA	2
17	21	XBOZZ	5310-00-045-3296	MS35338-43	96906	• WASHER, LOCK CLAMP MTG	EA	2
17	22	XBOZZ	5310-00-809-8546	MS27183-8	96906	• WASHER, FLAT	EA	2
17	23	XBOZZ	6685-00-105-3344	132C8E9128	97403	• INDICATOR, DIFFERENT CES, CET, CEU, CEV, CEW	EA	1
17	24	XBOZZ	4720-00-482-2404	H51636	01400	• TUBING, NONMETALLIC	EA	1
17	25	XBOZZ		63Y11	01400	• CLAMP, HOSE	EA	1
17	26	XBOZZ	4820-00-554-8391	MS35785-4	96906	• COCK, DRAIN	EA	1
17	27	XBOZZ		SE1590	01400	• ELBOW, PIPE	EA	1
17	28	XBOZZ		115-264	01400	• SHELL ASSEMBLY	EA	1

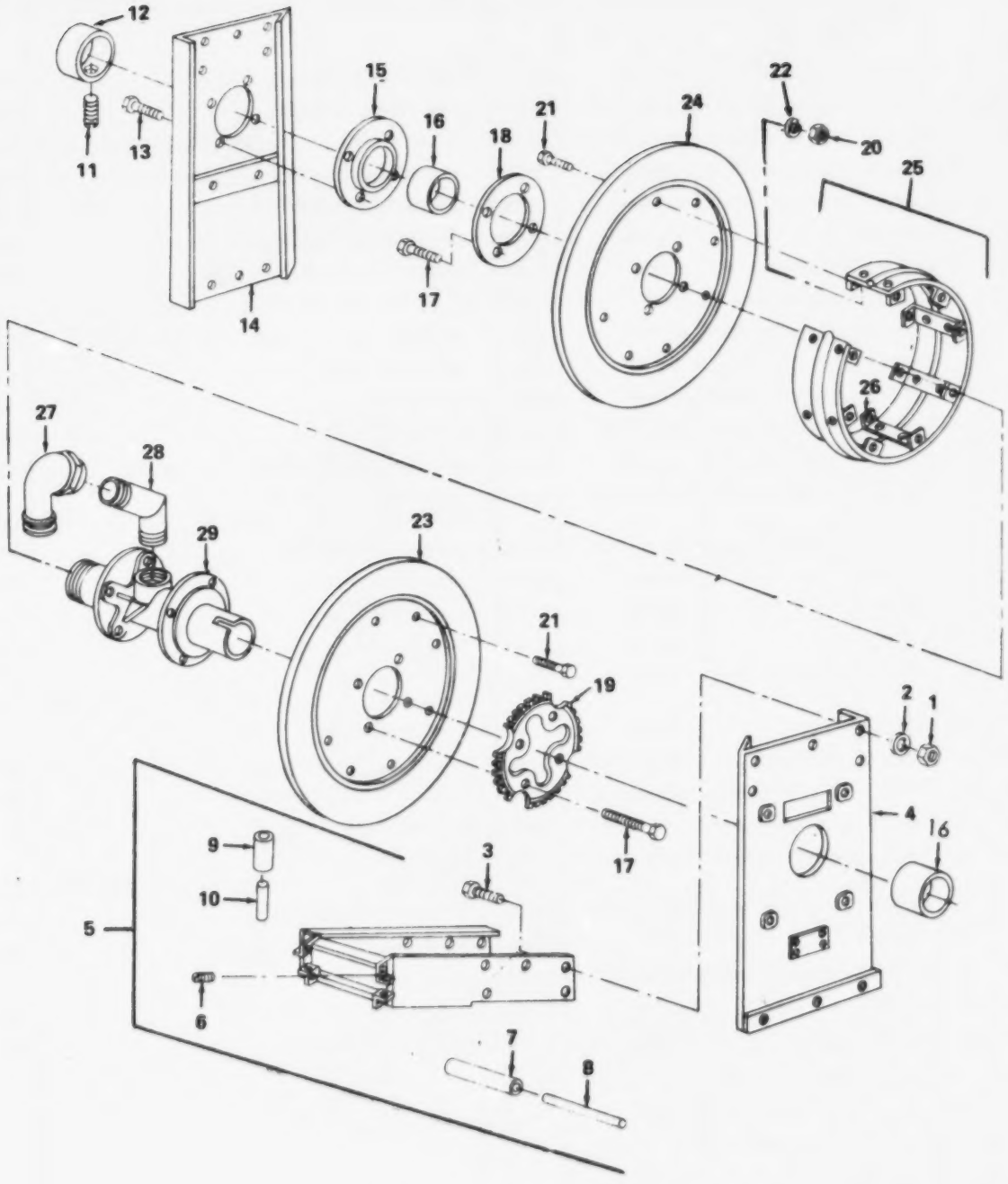


Figure 18. Hose Reel

(1) ILLUSTRATION (a) FIG NO.	(1) ILLUSTRATION (b) ITEM NO.	(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
18		PAOZZ	4930-00-735-4381	115-201	01400	REEL, FUELING HOSE	EA	1
18		PAOZZ	4930-00-735-4380	115-200	01400	REEL, FUELING HOSE	EA	1
18	1	PAOZZ	5310-00-732-0558	MS51967-8	96906	NUT, PLAIN, HEXAGON GUIDE ASSEMBLY TO PLATE MTG CES, CET, CEU, CEX	EA	10
18	2	XBOZZ		120382	24517	WASHER, LOCK BRACKET TO PLATE MTG CES, CET, CEU, CEX	EA	10
18	3	PAOZZ	5305-00-269-3209	MS90725-58	96906	SCREW, CAP, HEXAGON GUIDE ASSEMBLY TO SIDE PLATE MTG CES, CET, CEU, CEX	EA	10
18	4	XBOZZ		115-215	01400	PLATE, RETAINING INSIDE (O/O REEL ASSY, P/N 115-201 ONLY) CES, CET, CEU, CEX	EA	1
18	5	XBOZZ	4930-00-110-3950	115-206	01400	GUIDE ASSEMBLY HOSE GUIDE CES, CET, CEU, CEX	EA	1
18	6	XBOZZ		S31614SS	01400	• SETSCREW HORIZONTAL AXLE RETAINING CES, CET, CEU, CEX	EA	2
18	7	XBOZZ	4930-00-735-4377	115-58-2	01400	• ROLLER HORIZONTAL CES, CET, CEU, CEX	EA	2
18	8	XBOZZ	4930-00-735-4376	115-99-2	01400	• AXLE HORIZONTAL CES, CET, CEU, CEX	EA	2
18	9	XBOZZ	4930-00-735-4375	115-58-1	01400	• ROLLER, LUBRICATION VERTICAL CES, CET, CEU, CEX	EA	2
18	10	XBOZZ	4930-0-735-4374	115-99-1	01400	• AXLE VERTICAL CES, CET, CEU, CEX	EA	2
18		XBOZZ		2025C	01400	• BEARING, BALL, GUIDE ROLLER TO AXLE CES, CET, CEU, CEX	EA	8
18	11	XBOZZ	5305-00-543-2671	MS51029-51	96906	SETSCREW HUB CLAMP CES, CET, CEU, CEX	EA	1
18	12	XBOZZ	3040-00-110-3951	C200	01400	CLAMP, HUB HUB RETAINING CES, CET, CEU, CEX	EA	1
18	13	PAOZZ	5305-00-269-3209	MS90725-58	96906	SCREW, CAP, HEXAGON BEARING PLATE TO INSIDE PLATE MTG CES, CET, CEU, CEX	EA	4
18	14	XBOZZ		115-217	01400	PLATE, RETAINING INSIDE (O/O REEL ASSY, P/N 115-200 ONLY) CES, CET, CEU, CEX	EA	1
18	15	XBOZZ	3110-00-718-9981	115-24	01400	PLATE, RETAINING CES, CET, CEU, CEX	EA	1
18	16	XAOZZ		115-197	01400	BEARING, SLEEVE HUB ASSEMBLY TO SPRING HOUSING AND TO SWIVEL CES, CET, CEU, CEX	EA	2
18	17	PAOZZ	5305-00-269-3209	MS90725-58	96906	SCREW, CAP, HEXAGON PLATE AND WHEEL TO FLANGE MTG CES, CET, CEU, CEX	EA	8
18	18	XBOZZ		115-57	01400	PLATE, FLANGE INSIDE FLANGE REINFORCING CES, CET, CEU, CEX	EA	1
18	19	XBOZZ	4930-00-871-2995	115-52L	01400	WHEEL, RACHET LH (O/O REEL ASSY, P/N 115-201 ONLY) CES, CET, CEU, CEX	EA	1
18	19	XBOZZ	3020-00-735-4378	115-52R	01400	WHEEL, RATCHET RH (O/O REEL ASSY, P/N 115-200 ONLY) CES, CET, CEU, CEX	EA	1
18	20	PAOZZ	5310-00-905-0762	MS51967-3	96906	NUT, PLAIN, HEXAGON FLANGE TO SPINDLE MTG CES, CET, CEU, CEX	EA	14
18	21	XBOZZ		MS32291-5	96906	SCREW, CAP, HEXAGON FLANGE TO SPINDLE MTG CES, CET, CEU, CEX	EA	14
18	22	PAOZZ	5310-00-582-5965	MS35338-25	96906	WASHER, LOCK FLANGE TO SPINDLE MTG CES, CET, CEU, CEX	EA	14
18	23	XBOZZ		115-54-2	01400	FLANGE OUTSIDE CES, CET, CEU, CEX	EA	1
18	24	XBOZZ		115-54-1	01400	FLANGE INSIDE CES, CET, CEU, CEX	EA	1
18	25	XBOZZ		115-211	01400	SPINDLE SPACER CES, CET, CEU, CEX	EA	1
18	26	XAOZZ		115-212	01400	• CLIP SPINDLE SPACER CES, CET, CEU, CEX	EA	7
18	27	XBOZZ		115-42	01400	COUPLING HALF, QUICK MALE ELBOW CES, CET, CEU, CEX	EA	1
18	28	XBOZZ	4730-00-735-4386	115-93	01400	ELBOW, FLUID COUPLING HUB TO ELBOW CES, CET, CEU, CEX	EA	1
18	29	XBOZZ	4930-00-735-4370	115-29	01400	HUB ASSEMBLY CES, CET, CEU, CEX	EA	1
18		XBOZZ		115-15-1	01400	PLATE, WARNING HOSE REEL SPRING CES, CET, CEU, CEX	EA	1
18		XBOZZ		115-154	01400	PLATE HOSE REEL CES, CET, CEU, CEX	EA	1
18	30	XBOZZ		115-233	01400	SPRING ASSEMBLY, LH REEL CES, CET, CEU, CEX	EA	1

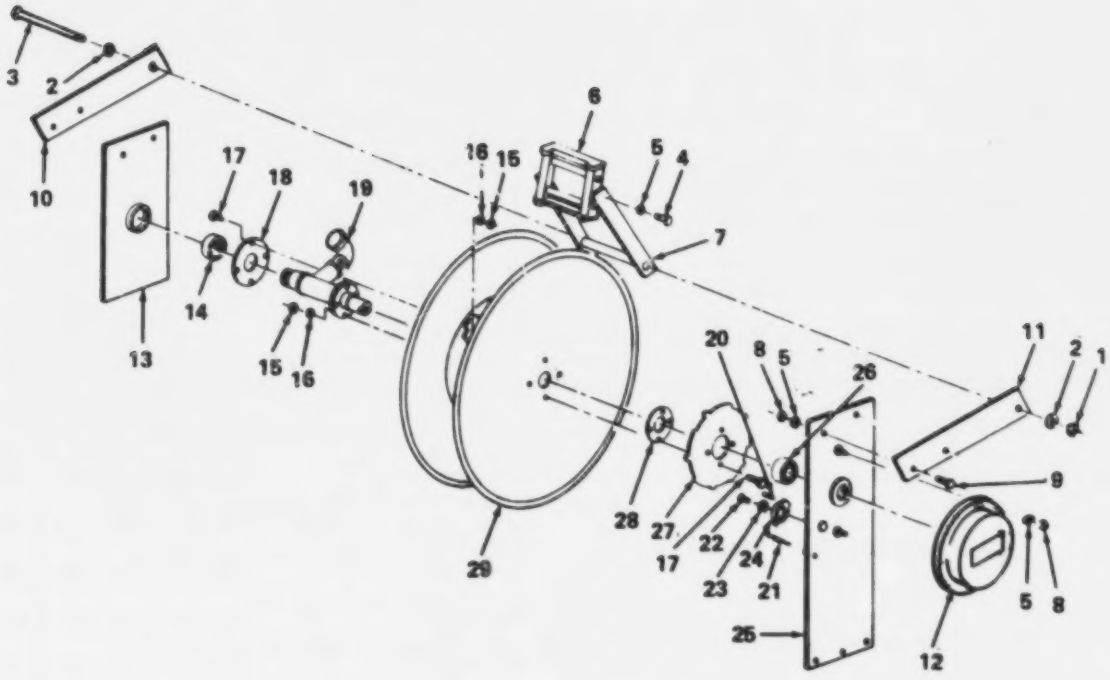


Figure 19. Fueling Hose Reel

(1) ILLUSTRATION (a) FIG NO.	(b) ITEM NO.	(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
19		XBFZZ		43200LH	82366	REEL, ASSEMBLY	EA	1
19		XBFZZ		43200-31-RH	82366	REEL, ASSEMBLY	EA	1
19	1	PAOZZ	5310-00-282-7818	AN924-5	88044	NUT, PLAIN, HEXAGON CES, CET, CEU, CEV, CEW	EA	1
19	2	XBOZZ		47727	82366	WASHER CES, CET, CEU, CEV, CEW	EA	1
19	3	XBOZZ	5305-00-019-3497	193497	21450	SCREW, CAP, HEXAGON H CES, CET, CEU, CEV, CEW	EA	1
19	4	PAOZZ	5305-00-269-2311	MS90725-60	96906	SCREW, CAP CES, CET, CEU, CEV, CEW	EA	1
19	5	PAOZZ	5310-00-080-6004	MS27183-14	96906	WASHER, FLAT CES, CET, CEU, CEV, CEW	EA	1
19	6	XBOZZ	4930-00-190-9859	43294	82366	GUIDE ASSEMBLY HOSE ROLLER CEV, CEW	EA	1
19	7	XBOZZ		43290	82366	BRACKET GUIDE ASSY CES, CEW	EA	1
19	8	PAOZZ	5305-00-269-3219	MS90725-69	96906	SCREW, CAP, HEXAGON CES, CET, CEU, CEV, CEW	EA	1
19	9	PAOZZ	5305-00-269-3211	MS90725-60	96906	SCREW, CAP CES, CET, CEU, CEV, CEW	EA	1
19	10	XBOZZ		43295	82366	PLATE, MOUNT, BRACKET RH SIDE OF BRACKETS TO SIDE PLATE MTG CEV, CEW	EA	1
19	11	XBOZZ		43299	82366	PLATE, MOUNT, BRACKET INSIDE OF BRACKETS TO SIDE PLATE MTG CEV, CEW	EA	1
19	12	XBOZZ	5360-00-007-9943	43272-IL	82366	SPRING, SPIRAL, TORSI (O/O REEL ASSY, P/N 43200LH ONLY) CEV, CEW	EA	1
19	12	XBOZZ		43272-1R	82366	SPRING ASSEMBLY (O/O REEL ASSY, P/N 43200RH ONLY) CEV, CEW	EA	1
19	13	XBOZZ	3110-00-216-1200	43296L	82366	PLATE, RETAINING INNER REEL MTG (O/O REEL ASSY, P/N 43200LH ONLY) CEV, CEW	EA	1
19	13	XBOZZ		43296R	82366	PLATE, RETAINING INNER REEL MTG (O/O REEL ASSY, P/N 43200RH ONLY) CEV, CEW	EA	1
19	14	XBOZZ	3120-00-007-3046	277PS	82366	BEARING, SLEEVE SHAFTER, INNER CEV, CEW	EA	1
19	15	PAOZZ	5310-00-732-0558	MS51967-8	96906	NUT, PLAIN, HEXAGON CES, CET, CEU, CEV, CEW	EA	8
19	16	PAOZZ	5310-00-637-9541	MS35338-46	96906	WASHER, LOCK CES, CET, CEU, CEV, CEW	EA	8
19	17	PAOZZ	5305-00-269-3209	MS90725-58	96906	SCREW, CAP, HEX, HEAD CES, CET, CEU, CEV, CEW	EA	8
19	18	XBOZZ		43277	82366	PLATE SPOOL REINFORCING CEV, CEW	EA	1
19	19	XBOZZ		43260-1L	82366	HUB ASSEMBLY (O/O REEL ASSY, P/N 43200LH ONLY) CEV, CEW	EA	1
19	19	XBOZZ		43260-1R	82366	HUB ASSEMBLY (O/O REEL ASSY, P/N 43200RH ONLY) CEV, CEW	EA	1
19	20	XBOZZ		230P107	82366	PIN PAWL SPRING WELDMENT TO SIDE PLATE CEV, CEW	EA	1
19	21	XBOZZ	5360-00-007-9945	43281	82366	SPRING PAWL TO PIN CEV, CEW	EA	1
19	22	XBOZZ		1P145	82366	SCREW, MACHINE CEV, CEW	EA	1
19	23	XBOZZ		47727	82366	WASHER, FLAT SPECIAL, SCREW TO PAWL MTG CEV, CEW	EA	1
19	24	XBOZZ		43279	82366	PAWL WELDMENT TO SIDE PLATE CEV, CEW	EA	1
19	25	XBOZZ		43297L	82366	PLATE, RETAINING OUTER, REEL MTG (O/O REEL ASSY, P/N 43200LH ONLY) CEV, CEW	EA	1
19	25	XBOZZ		43297R	82366	PLATE, RETAINING OUTER, REEL MTG (O/O REEL ASSY, P/N 4320RH ONLY) CEV, CEW	EA	1
19	26	XBOZZ	3110-00-491-1494	40005	82366	BEARING, ROLLER SHAFT, OUTER	EA	1
19	27	XBOZZ		43292	82366	WHEEL, RATCHET CEV, CEW	EA	1
19	28	XBOZZ		43284-1	82366	PLATE, SPACER RATCHET WHEEL TO SPOOL CEV, CEW	EA	1
19	29	XBOZZ		43285	82366	SPOOL ASSEMBLY CEV, CEW	EA	1

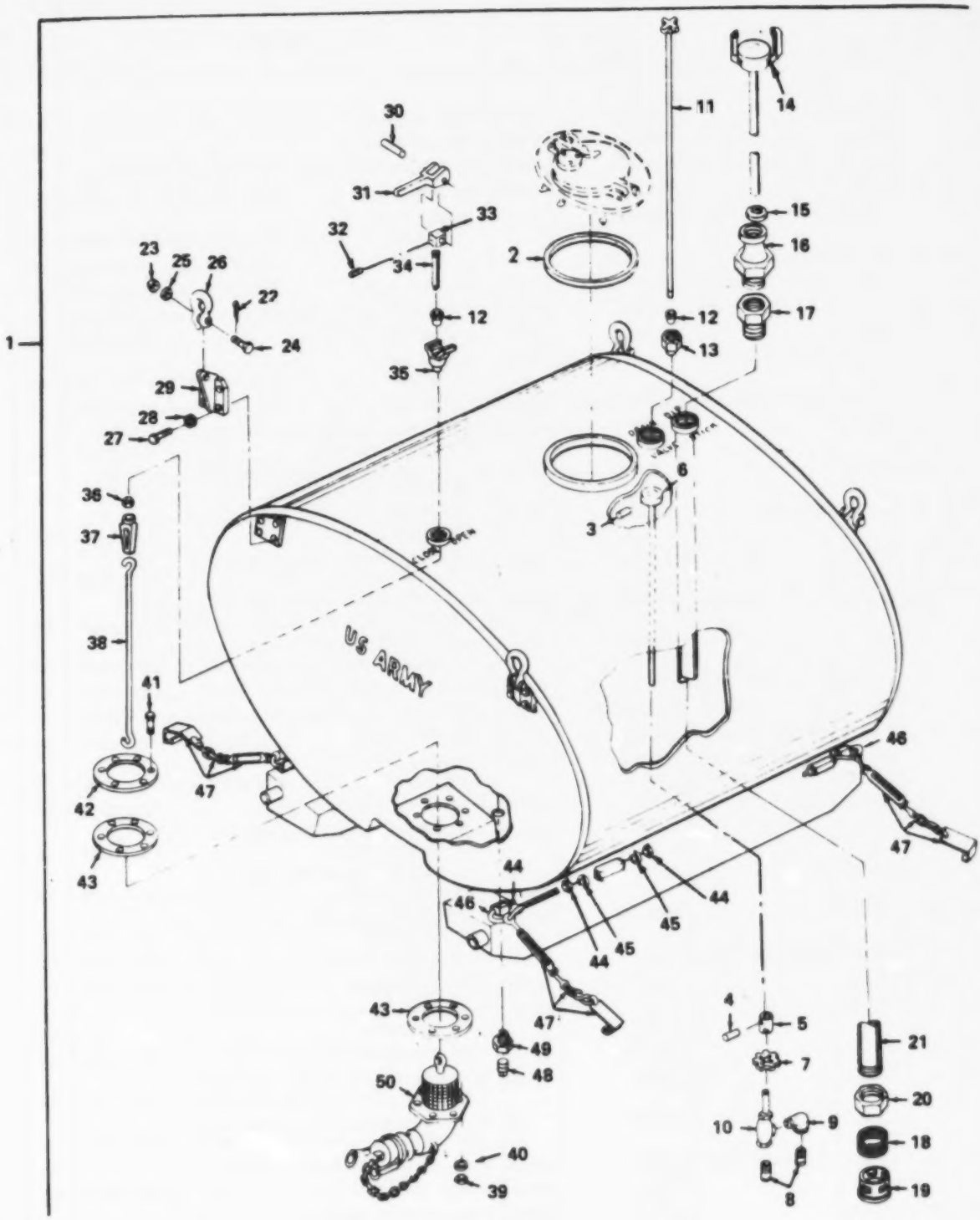


Figure 20. Storage Tank

(1) ILLUSTRATION (a) FIG NO.	(b) ITEM NO.	(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
						GROUP 02 TANK ASSEMBLY		
20	1	XBOZD	5430-00-585-2529	T2000	17807	TANK, LIQUID STORAGE FOR PETROLEUM PRODUCTS, HORIZONTAL, W/SKIDS, 600 GALLON CAPACITY	EA	2
20	2	PAOZZ	5330-00-930-8596	113-13	01400	• GASKET MANHOLE COVER	EA	1
20	3	PAOZZ	5305-00-809-9385	MS51021-60	96906	• SETSCREW DRAIN VALVE	EA	1
20	4	PAOZZ	5315-00-200-3183	MS16562-240	96906	• PIN, STRAIGHT DRAIN VALVE	EA	1
20	5	XBOZZ	5430-00-186-3187	113-16	01400	• KEY DRAIN VALVE DRAIN VALVE	EA	1
20	6	XBOZZ	3040-00-794-6954	113-17	01400	• COLLAR DRAIN VALVE OPERATING ROD	EA	1
20	7	XBOZZ	5430-00-255-0655	113-55	01400	• HANDLE, DRAIN VALVE	EA	1
20	8	PAOZZ	4730-00-196-2058	74639A	00742	• NIPPLE, PIPE DRAIN VALVE	EA	2
20	9	PAOZZ	4730-00-595-0141	WWP460	81348	• ELBOW, PIPE DRAIN VALVE	EA	1
20	10	XBOZZ	4820-00-422-9859	113-56	01400	• VALVE, DRAIN	EA	1
20	11	XBOZZ	5430-00-110-4022	113-15	01400	• ROD ASSEMBLY DRAIN VALVE	EA	1
20	12	PAOZZ	5310-00-794-6971	113-8	01400	• NUT, PACKING DRAIN VALVE CONTROL	EA	2
20	13	XBOZZ	5430-00-794-6953	113-18	01400	• SUPPORT DRAIN VALVE OPERATING ROD	EA	1
20	14	XBOZZ		113-99	01400	• GAGE ASSEMBLY, STICK	EA	1
20	15	PAOZZ	5330-00-360-0595	MS27030-5	96906	• GASKET DIPSTICK CAP	EA	1
20	16	XBOZZ	4730-00-360-0589	MS27022-9	96906	• COUPLING HALF, QUICK MALE DIPSTICK	EA	1
20	17	XBOZZ		113-99-7	01400	• BUSHING, PIPE DIPSTICK	EA	1
20	18	XBOZZ	5430-00-794-6952	113-47	01400	• SCREEN STRAINER PUMP PORT INTAKE	EA	1
20	19	XBOZZ		113-48	01400	• CASTING PUMP PORT INTAKE STRAINER	EA	1
20	20	XBOZZ		NA2	01400	• NUT, CONDUIT	EA	1
20	21	PBOZZ	4710-01-201-7086	113-20-1	01400	• TUBE, METAL PUMP FRONT	EA	1
20	22	PAOZZ	5315-00-845-7787	MS24665-289	96906	• PIN, COTTER LIFTING EYE	EA	4
20	23	PAOZZ	5310-00-763-8921	MS51967-23	96906	• NUT, CASTALLATED LIFTING EYE SCREW	EA	4
20	24	PAOZZ	5305-00-161-0698	MS51105-464	96906	• SCREW, CAP, HEXAGON LIFTING EYE	EA	4
20	25	PAOZZ	5310-00-809-8533	MS27183-23	96906	• WASHER, FLAT LIFTING EYE SCREW	EA	4
20	26	XBOZZ	5340-00-400-7607	113-21	01400	• EYE, LIFTING	EA	4
20	27	PAOZZ	5305-00-071-2066	MS90728-109	96906	• BOLT, MACHINE LIFTING BRACKET MTG	EA	16
20	28	PAOZZ	5310-00-809-5998	MS21783-18	96906	• WASHER, FLAT LIFTING BRACKET MTG	EA	16
20	29	XBOZZ		133-22	01400	• BRACKET, LIFT RING	EA	4
20	30	PAOZZ	5315-00-753-3895	MS16562-256	96906	• PIN, SPRING CAM LEVER	EA	1
20	31	XBOZZ	5430-00-110-4020	113-5-1	01400	• LEVER, MANUAL CONTROL DISCHARGE VALVE CONTROL	EA	1
20	32	PBFZZ	5305-00-543-2671	MS51029-51	96906	• SETSCREW	EA	1
20	33	PBFZZ	5430-00-110-4019	13217E7090	97403	• ADAPTOR, LEVER ROD	EA	1
20	34	XBOZZ	5340-01-037-8739	13217E7087	97403	• ROD END, THREADED VALVE OPERATING LEVER	EA	1
20	35	XBOZZ	5430-00-794-6956	113-5-2	01400	• SUPPORT DISCHARGE VALVE CONTROL CAM LEVER	EA	1
20	36	PAOZZ	5310-00-897-6082	MS35691-36	96906	• NUT, PLAIN, HEXAGON TURNBUCKLE	EA	1
20	37	XBOZZ	5340-00-794-6957	113-5-3	01400	• TURNBUCKLE OPERATING ROD TO LIFT	EA	1
20	38	XBOZZ	5430-00-186-3188	113-7	01400	• ROD, LIFT DISCHARGE VALVE	EA	1

(1) ILLUSTRATION (a) FIG NO.	(1) ILLUSTRATION (b) ITEM NO.	(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
20	39	PAOZZ	5310-00-225-6993	MS51922-33	96906	• NUT, PLAIN, HEXAGON DISCHARGE VALVE MTG	EA	6
20	40	PAOZZ	5310-00-584-5272	MS35338-48	96906	• WASHER, LOCK SUMP RING	EA	6
20	41	XBOZZ	5305-00-071-1769	MS90725-115	96906	• SCREW, CAP, HEXAGON SUMP RING	EA	6
20	42	XBOZZ		113-25	01400	• RING, SUMP	EA	1
20	43	XBOZZ		113-26	01400	• GASKET DISCHARGE VALVE	EA	2
20	44	PAOZZ	5310-00-269-4040	MS51922-49	96906	• NUT, SELF-LOCKING DRAG LINK MTG	EA	12
20	45	PAOZZ	5310-00-013-0998	BEBX2G1	19207	• WASHER, FLAT DRAG LINK MTG	EA	8
20	46	XBOZZ	5340-00-794-6970	113-23	01400	• LOOP DRAG	EA	4
20	47	PAOZZ	5340-00-185-6829	113-28	01400	• TIE-DOWN ASSEMBLY TANK CELL	EA	4
20	48	XBOZZ		13663	01400	• PLUG, PIPE TANK BOTTOM	EA	1
20	49	XBOZZ	4730-00-142-2532	MS51887-23Z	96906	• BUSHING, PIPE TANK BOTTOM	EA	1
20	50	XBOZZ		380AM	79515	• VALVE ASSEMBLY	EA	1

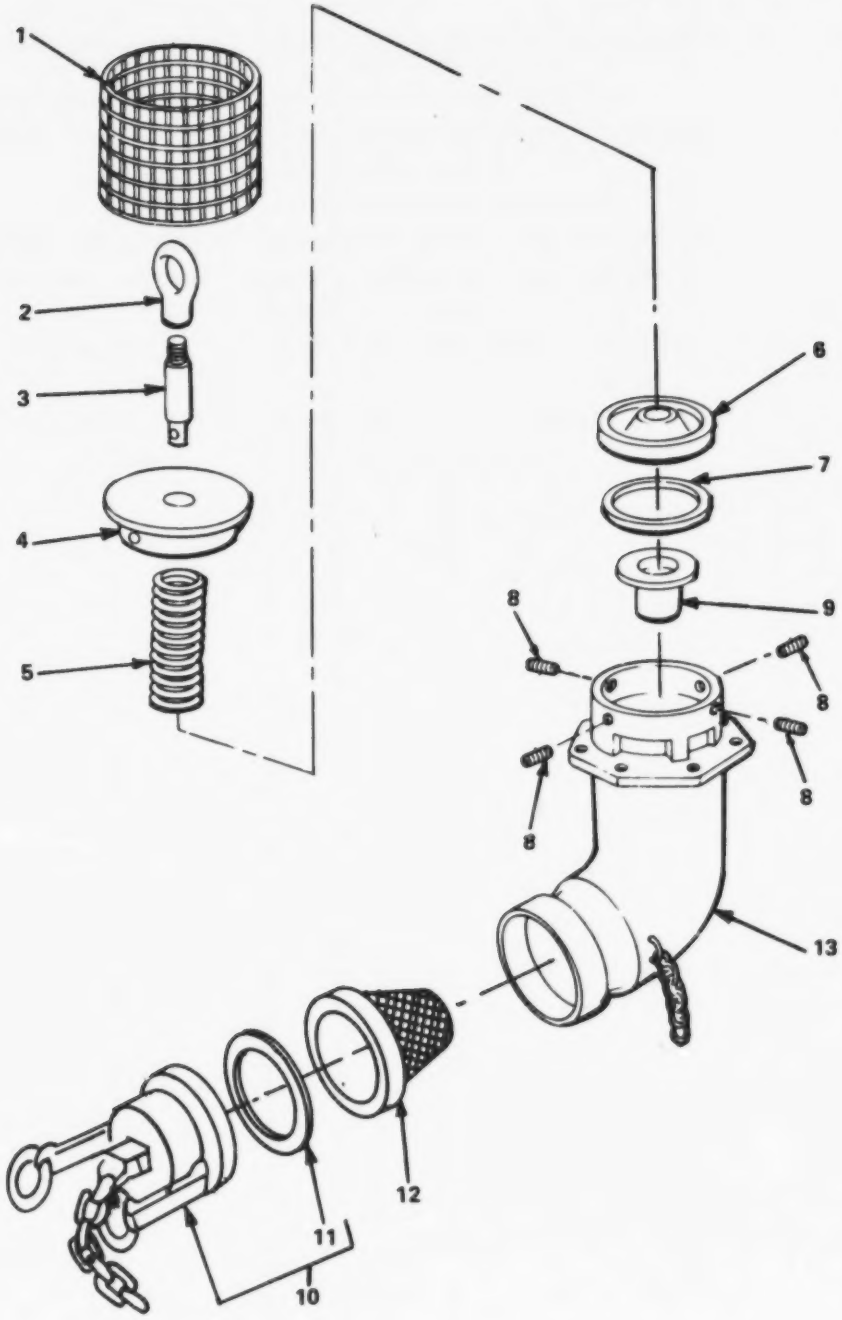


Figure 21. Discharge Valve

(1) ILLUSTRATION (a) FIG NO.	(1) ILLUSTRATION (b) ITEM NO.	(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
21		XBOZZ		380AM	79515	• VALVE ASSEMBLY	EA	1
21	1	XBOZZ		P420	79515	• • SCREEN DISCHARGE VALVE	EA	1
21	2	XBOZZ		A609	79515	• • BALE, PLUNGER	EA	1
21	3	XBOZZ		AP425A	79515	• • STEM VALVE PLUNGER	EA	1
21	4	XBOZZ		AP402A	79515	• • BONNET	EA	1
21	5	XBOZZ		P414	79515	• • SPRING, PLUNGER	EA	1
21	6	XBOZZ		AP404	79515	• • DISC HOLDER, PLUNGER	EA	1
21	7	XBOZZ		P431	79515	• • DISC VALVE PLUNGER	EA	1
21	8	PAOZZ	5305-00-817-6139	MS51021-56	96906	• • SETSCREW	EA	4
21	9	XBOZZ		AP403	79515	• • NUT, PLUNGER, DISC RETAINER	EA	1
21	10	XBOZZ	5340-00-823-5318	MS27028-11	96906	• • CAP, PROTECTIVE, DUST OUTLET	EA	1
21	11	PAOZZ	5310-00-612-2414	MS27030-6	96906	• • • GASKET DUST CAP	EA	1
21	12	XBFZZ		P4448	79515	• • SCREEN ASSEMBLY	EA	1
21	13	XAOZZ		P401-2E	79515	• • BODY, VALVE	EA	1

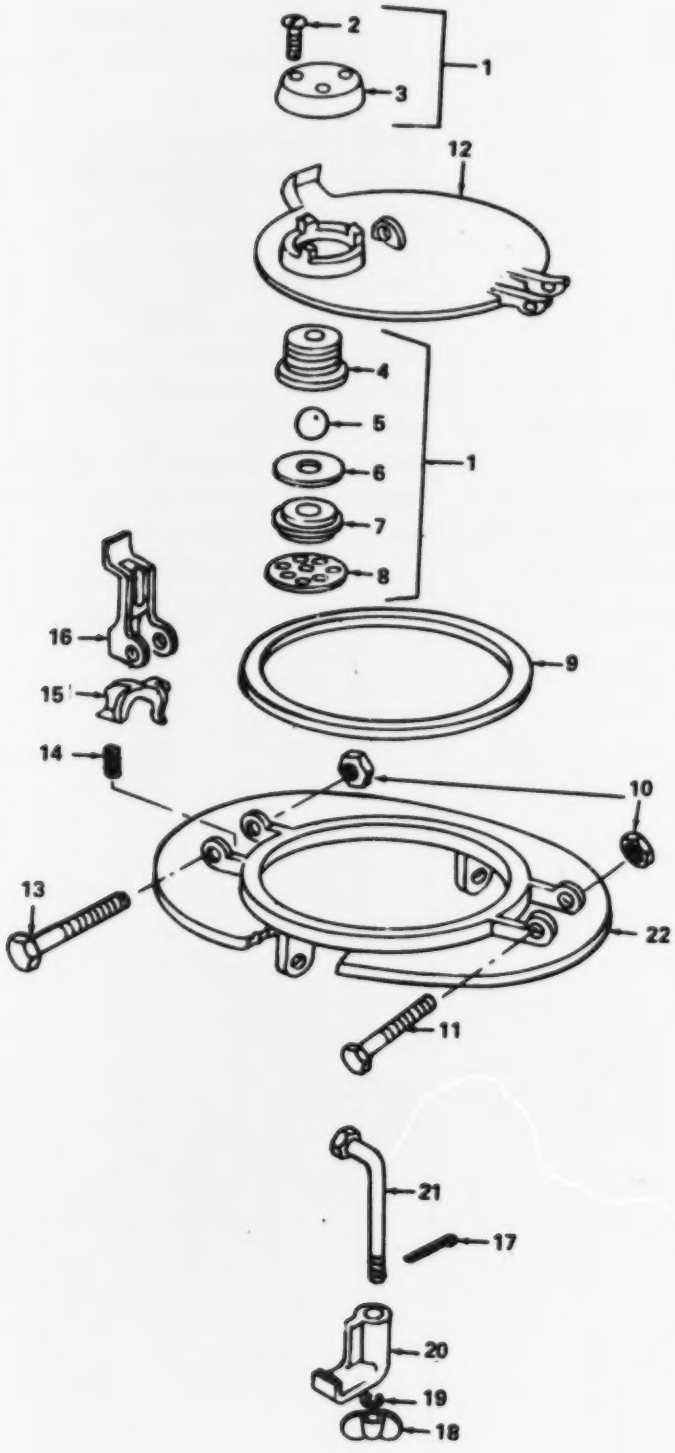


Figure 22. Tank Manhole Cover

(1) ILLUSTRATION (a) FIG NO	(1) ILLUSTRATION (b) ITEM NO	(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION / USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
22		XBOZZ		FX1097-8A	12713	• COVER ASSEMBLY MANHOLE (INTERCHANGEABLE WITH MANHOLE COVER ASSEMBLY, P/N 113-70 AS AN ASSY ONLY)	EA	1
22	1	XBOZZ	5430-00-794-6950	113-71	01400	• • VENT ASSEMBLY MANHOLE COVER	EA	1
22	2	XBOZZ	5305-00-050-9227	MS51957-61	96906	• • • SCREW, MACHINE VENT TOP COVER MTG	EA	3
22	3	XAOZZ		113-59	01400	• • • COVER VENT TOP	EA	1
22	4	XAOZZ		113-34	01400	• • • BODY, VENT	EA	1
22	5	XAOZZ		S4-11-35-14	24577	• • • BALL VENT, STEEL	EA	1
22	6	XAOZZ		113-45	01400	• • • DISC VENT	EA	7
22	7	XAOZZ		113-57	01400	• • • SPRING VENT CES, CET, CEU,CEV	EA	1
22	8	XAOZZ		113-58	01400	• • • COVER VENT BOTTOM	EA	1
22	9	PAOZZ	5330-00-794-6948	113-52	01400	• • GASKET COVER	EA	1
22	10	XBOZZ		1020-36435-4	17607	• • NUT, SELF-LOCKING	EA	2
22	11	XBOZZ	5306-00-932-0962	1097-3	12719	• • BOLT, MACHINE	EA	1
22	12	XBOZZ	4930-00-856-3930	113-51	01400	• • COVER INCLUDES FUSIBLE PLUG	EA	1
22	13	XBOZZ	5306-00-932-0962	1097-8	12718	• • BOLT, MACHINE	EA	1
22	14	XBOZZ		113-67	01400	• • SPRING, HELICAL	EA	1
22	15	XBOZZ	5340-00-189-1607	113-66	01400	• • LOCK, LATCH	EA	1
22	16	XBOZZ	5340-00-189-1544	113-65	01400	• • LATCH	EA	1
22	17	PAOZZ	5315-00-059-0140	MS24665-73	96906	• • PIN, COTTER	EA	6
22	18	PAOZZ	5310-00-732-6278	887-23C	12718	• • NUT, PLAIN, WING	EA	6
22	19	XBOZZ	5310-00-407-9566	MS35338-45	96906	• • WASHER, LOCK MANHOLE COVER MTG	EA	6
22	20	XBOZZ		113-61	01400	• • LOG, CLAMP RETAINER MTG	EA	6
22	21	XBOZZ		113-62	01400	• • BOLT MANHOLE COVER RETAINING	EA	6
22	22	XBOZZ		113-10	01400	• • COVER, MANHOLE	EA	1

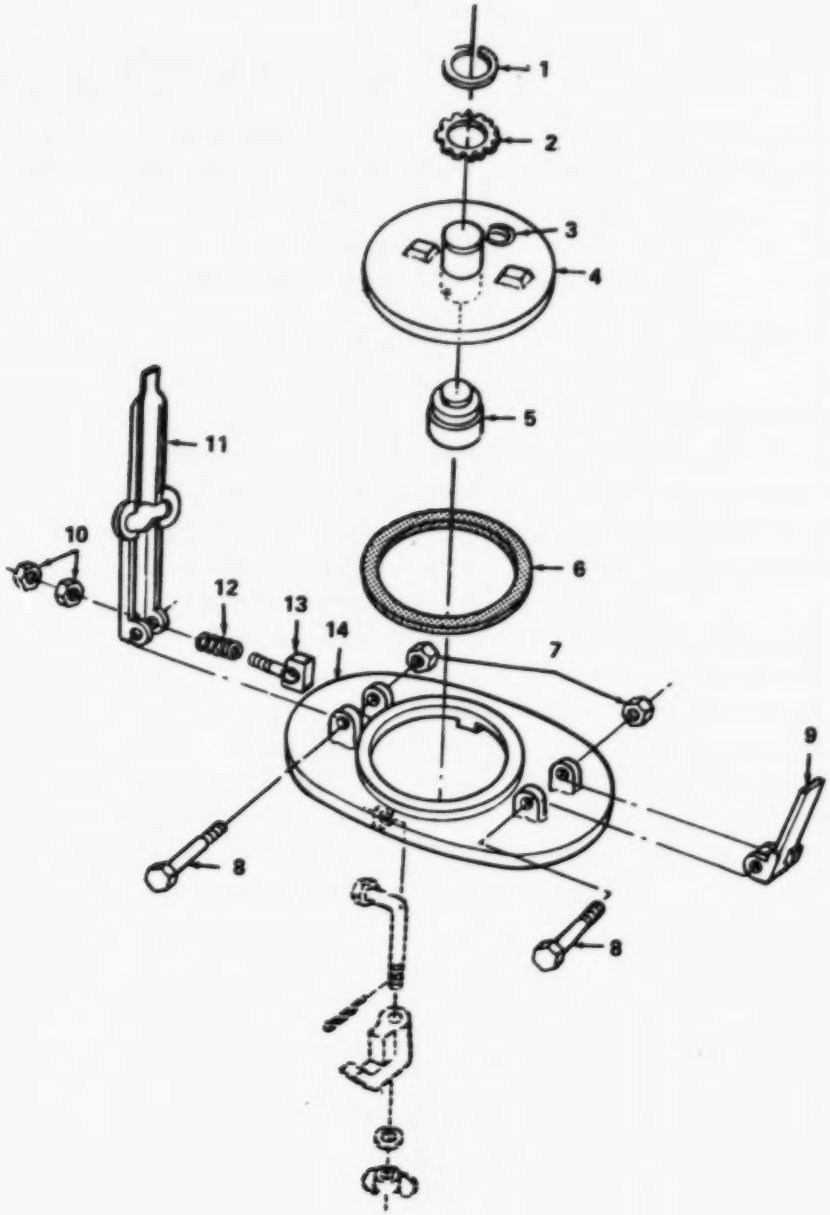


Figure 23. Tank Manhole Cover

(1) ILLUSTRATION (a) FIG NO.	(b) ITEM NO.	(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
23		XBOZZ		113-70	01400	COVER ASSEMBLY, MANHOLE	EA	1
23	1	XBOZZ		997R-6	12718	• SPRING, RETAINER	EA	1
23	2	PAOZZ	5310-00-692-9744	887-7	12718	• WASHER, SPRING	EA	1
23	3	XBOZZ	5340-00-345-4838	FX887-11	12718	• PLUG, FUSIBLE	EA	1
23	4	XBOZZ		FX997-2	12718	• COVER INCLUDES FUSIBLE PLUG	EA	1
23	5	XBOZZ		37	12718	• VENT, TRIPLEX	EA	7
23	6	PAOZZ	5330-00-794-6947	FX997-12	12718	• GASKET COVER	EA	1
23	7	XBOZZ		S4-11-35-8	24677	• NUT, PLAIN, HEXAGON HINGE AND HANDLE	EA	1
23	8	PAOZZ	5306-00-932-0962	1097-8	12718	• BOLT, MACHINE HINGE AND CAM	EA	2
23	9	XBOZZ		1097-4	12718	• CAM CLOSING	EA	2
23	10	XBOZZ		1097-5B	12718	• NUT, PLAIN, HEXAGON HINGE ADJUSTING	EA	1
23	11	XBOZZ		1097-3	12718	• LATCH	EA	2
23	12	XBOZZ		1097-5C	12718	• SPRING HINGE ADJUSTING	EA	1
23	13	XBOZZ		1097-5A	12718	• BOLT, EYE HINGE ADJUSTING	EA	1
23	14	XBOZZ		1097S-1	12718	• COVER, MANHOLE	EA	1

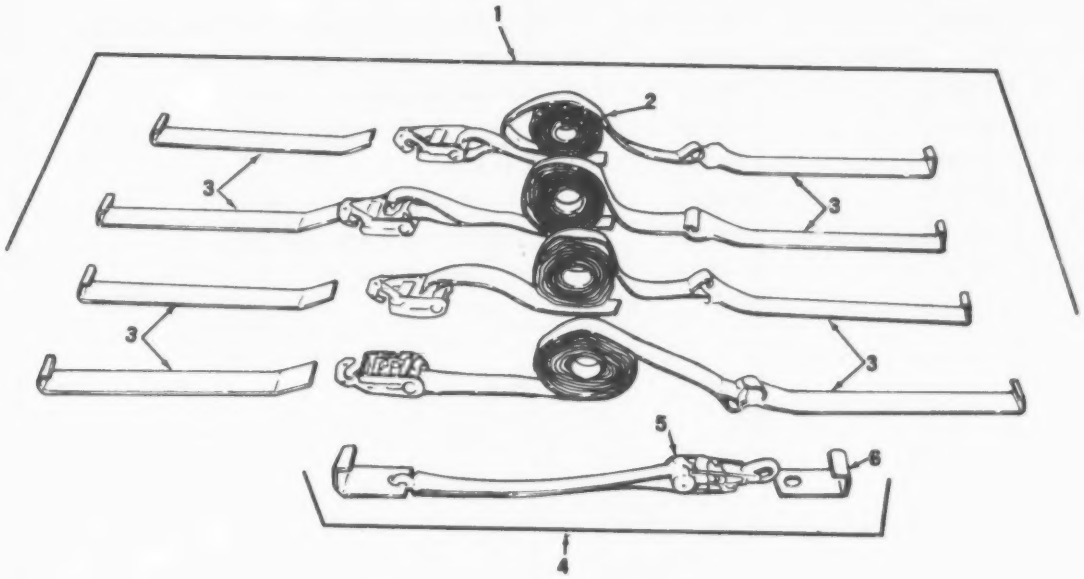


Figure 24. Tank and Pump Unit Vertical Tiedown Strap Assembly

(1) ILLUSTRATION (a) FIG NO.	(1) ILLUSTRATION (b) ITEM NO.	(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
24		XBOZZ		5-14-514-7	97403	KIT, TIE DOWN, ROUGH PUMP AND TANK	EA	1
24	1	PAOZZ	5340-00-444-7462	5-14-514-8	97403	• TIE DOWN ASSEMBLY TANK	EA	4
24	2	PAOZZ	4930-01-037-0507	5-14-514-8-4	97403	• • STRAP ASSEMBLY, TIE	EA	1
24	3	PAOZZ	5340-00-445-7117	5-14-514-8-1	97403	• • CLIP, TANK, TIE DOWN	EA	2
24	4	PAOZZ	5340-00-185-6830	5-14-514-9	97403	• TIE DOWN ASSEMBLY PUMP	EA	1
24	5	PAOZZ	5340-00-185-6829	5-14-514-9-4	97403	• • WEBBING, WITH BOTTOM	EA	1
24	6	PAOZZ	5340-00-483-0646	5-14-514-9-1	97403	• • CLIP, TOP, PUMP TIE	EA	1
24		XBOZZ	4210-00-808-4544	FEDSPEC O-E-915	81348	EXTINGUISHER	EA	1

STOCK NUMBER	FIGURE NO.	ITEM NO.
4720-00-007-2256	17	18
3120-00-007-3046	19	14
5935-00-007-9202	15	32
5360-00-007-9943	19	12
5360-00-007-9945	19	21
5305-00-008-7935	6	14
4730-00-010-3867	1	18
4730-00-011-3178	12	7
5310-00-012-0214	1	26
5310-00-012-0384	13	22
5310-00-013-0998	20	45
5305-00-019-3497	19	3
2940-00-021-0587	1	4
5305-00-042-0461	9	11
4730-00-042-6318	1	31
5305-00-044-4153	13	6
5310-00-044-6548	16	19
5310-00-045-3296	17	21
5310-00-045-3299	14	24
5340-00-050-1591	1	30
5305-00-050-9227	22	2
5315-00-059-0140	22	17
5305-00-071-1769	20	41
5305-00-071-2066	20	27
4930-00-072-6700	17	10
5310-00-087-4652	13	1
5310-00-087-4652	13	7
5310-00-087-4652	16	18
2910-00-099-5639	8	26
6685-00-105-3344	17	23
4930-00-110-3950	18	5
3040-00-110-3951	18	12
5430-00-110-4019	20	33
5430-00-110-4020	20	31
5430-00-110-4022	20	11
4930-00-119-0452	15	23
4730-00-136-1119	10	12
4730-00-142-2532	20	49
2805-00-143-6657	3	14
3110-00-144-8603	11	28
5305-00-161-0698	20	24
5315-00-168-6443	15	13
5330-00-171-4827	17	6
5305-00-173-0133	1	12
5340-00-185-6828	24	5
5340-00-185-6829	20	47
5340-00-185-6830	24	4
5430-00-186-3187	20	5
5430-00-186-3188	20	38
5340-00-189-1544	22	16
5340-00-189-1607	22	15
4930-00-190-9859	19	6
4720-00-191-6780	16	7
4930-00-191-7011	13	18
4930-00-191-7013	13	19
5310-00-194-9211	6	12
5310-00-194-9211	11	
5310-00-194-9211	11	
4730-00-196-2058	20	8
5315-00-200-3183	20	4
4730-00-203-1010	15	36
4730-00-203-1010	16	25
5310-00-205-7981	9	31
5306-00-206-1071	9	2
5306-00-207-9152	1	1
5306-00-207-9152	2	15
5306-00-207-9158	8	5
5310-00-209-0786	7	2
3110-00-216-1200	19	13
5330-00-217-3489	9	10
5310-00-221-3153	9	15
4930-00-224-7517	12	2
5360-00-224-8188	3	5
5340-00-225-2955	8	7
5305-00-225-3839	7	3
5305-00-225-3839	7	13
5310-00-226-6993	13	4
5310-00-225-6993	20	39
4320-00-232-5428	12	5
4730-00-246-9219	7	10
5430-00-255-0655	20	7
5360-00-256-7147	6	8
5315-00-265-9197	6	9
5305-00-269-3211	19	4
5305-00-269-3213	16	20
5305-00-269-3214	10	17
5305-00-269-3214	13	3
5305-00-269-3214	13	9
5305-00-269-3216	8	16
5305-00-269-3218	10	23
5310-00-269-4040	17	1
5310-00-269-4040	20	44
2805-00-270-3429	3	17
5315-00-273-7846	6	3
5310-00-274-9337	17	7
2805-00-277-2918	3	12
5330-00-282-7557	8	30
5330-00-282-7597	8	32
5310-00-282-7818	19	1
5310-00-285-1591	9	29
5310-00-285-8538	1	13
5310-00-290-5759	2	3
5330-00-291-3080	10	9
2920-00-293-5212	8	22
2805-00-301-2940	3	13
2805-00-301-6336	2	12
3040-00-301-6374	3	6
5340-00-345-4838	23	3
2920-00-349-3887	9	43
5305-00-351-6484	4	2
2805-00-353-5849	2	17
5330-00-356-0940	2	19
5306-00-356-0965	3	4
2910-00-358-4316	8	27
2910-00-358-4317	8	28
2910-00-358-4516	1	9
2910-00-358-5327	8	29
4730-00-359-5631	16	23
5307-00-360-0679	12	6
4730-00-360-0589	20	16
5330-00-360-0595	13	12
5330-00-360-0595	15	37
5330-00-360-0595	16	
5330-00-360-0595	16	
5330-00-360-0595	16	5
5330-00-360-0595	20	15
4940-00-360-0710	7	4
5307-00-360-0720	10	14
5307-00-360-0720	10	19
2910-00-368-6657	8	31
2805-00-376-0395	5	6
5340-00-376-0416	1	14
2805-00-376-0418	4	1
2990-00-383-9339	6	1
2990-00-389-6412	7	7
5340-00-400-7607	20	26
4210-00-404-0650	16	6
4720-00-407-6415	16	9
4930-00-407-6467	1	3
5310-00-407-9566	22	19
2990-00-422-6161	5	1
4820-00-422-9859	20	10
5340-00-444-7462	24	1
5340-00-445-7117	24	3
5330-00-447-9260	1	7
4710-00-447-9287	8	24
2805-00-448-1050	3	16
4720-00-482-2404	17	24
5306-00-482-4405	17	12
4930-00-482-5928	13	23
5340-00-483-0646	24	6
4710-00-483-0910	13	14
5310-00-489-6053	6	15
3110-00-491-1494	19	26
5945-00-502-9643	11	23
2990-00-511-7629	3	11
5305-00-543-2671	18	11
5305-00-543-2671	20	32
5310-00-550-1130	11	14

PART NUMBER	FSCM	FIG. NO.	ITEM NO.
AE740	66289	3	16
AF438	66289	3	15
AG26	66289	3	14
AG31	66289	3	13
AG34B	66289	3	18
AH9	66289	3	12
AN302-14-2	88044	11	44
AN924-5	88044	19	1
AP402A	79515	21	4
AP403	79515	21	9
AP404	79515	21	6
AP425A	79515	21	3
A1946M	81718	15	34
A24PNC	12793	16	23
A2492A	82796	9	29
A2492C	82796	9	31
A2492D	82796	9	12
A2572	82796	9	25
A538RS	81718	15	12
A5950A	82796	9	22
A609	79515	21	2
BB116F9	66289	1	21
BEBX2G1	19207	20	45
BG170S2	66289	2	12
BG171S1	66289	2	17
BY4631	82796	9	21
B1-264B4S1	66289	1	5
B1498D	21387	9	34
B1498D	82796	9	32
B5969	82796	9	15
B6030A	21387	9	38
CA51-131	66289	2	26
CA51-131S1	66289	2	20
CFSP13295	71724	12	4
C0606	25567	10	14
C0606	25567	10	19
C10873-1132B	11349	8	19
C200	01400	18	12
C522	00299	12	5
C531	00299	12	11
C533A	00299	12	2
C5949	21387	9	33
C5963	66289	9	23
C6032B	82796	9	39
DA70BS1	66289	2	1
D8186A1SP	66289	2	4
DC075	25567	10	6
DC161-1	66289	2	8
DC198	66289	2	7
DC199	66289	2	9
DE68	66289	2	6
DR30	66289	5	
D102A	81718	15	1
D1053-1	00299	12	3
D2565	82796	9	27
D2953	50380	11	47
D6120	87296	9	42
EA101W	66289	8	27
EA101ZS1	66289	3	23
FA42C	66289	3	20
FEDSPEC D-E-915	81348	24	
FMPE1B7	82796	9	
FSP12239B27P271	00643	10	8
FX1097-3A	12718	22	
FX887-11	12718	23	3
FX997-12	12718	23	6
FX997-2	12718	23	4
GA34A	66289	2	23
GB49	66289	3	25
GD87C	66289	9	7
G120B	26622	17	6
G2788	82796	9	18
G3861	82796	9	30
HG201D	66289	2	27
HA138S	66289	2	28
H113RA	81718	15	15
H1471M	81718	15	13
H1668B	81718	15	3
H1669B	81718	15	2

PART NUMBER	FSCM	FIG. NO.	ITEM NO.
H16708	81718	15	6
H195RB	81718	15	4
H2061M	81718	15	19
H213RB	81718	15	8
H284M	81718	15	25
H306RA	81718	15	11
H3163RB	81718	15	29
H3353M	81718	15	18
H3667M	81718	15	27
H3637M	81718	15	26
H3719M	81718	15	33
H3804A	81718	15	24
H4126	81718	15	
H4169M	81718	15	22
H4170M	81818	15	21
H4198B	81718	15	20
H428RA	81718	15	7
H502M	81718	15	14
H51636	01400	17	24
H534RA	81718	15	9
H5482M	81718	15	31
H58M	81718	15	17
H7012RB	81718	15	5
H714M	81718	15	16
H7250M	81718	15	10
H7396M	81718	15	35
H7766M	81718	15	28A
JN14828A	56289	11	12
J2430A	82796	9	9
KA59B1	66289	4	15
KA59B1S1	66289	4	13
KF14-51	66289	4	9
KF19A	66289	4	4
KF22	66289	4	5
KF30	66289	4	14
K98	66289	4	1
LV2563C	82796	9	28
LO318	66289	1	16
L219105-2	06840	12	8
L2788	82796	9	19
MBKND182918	66289	8	23
ME38A	66289	4	12
MILF2308	81349	17	11
MS122052	96906	8	2
MS16562-240	96906	20	4
MS16562-256	96906	20	30
MS16997-60	96906	17	14
MS24665-289	96906	20	22
MS24665-73	96906	22	17
MS25043-16C	96906	11	16
MS27022-6	96906	7	9
MS27022-9	96906	20	16
MS27026-5	96906	7	4
MS27026-9	96906	15	36
MS27026-9	96906	16	25
MS27028-11	96906	21	10
MS27028-9	01400	13	11
MS27028-9	96906	16	4
MS27029-11	96906	16	17
MD27029-9	96906	16	10
MS27030-5	96906	13	12
MS27030-5	96906	15	37
MS27030-5	96906	16	
MS27030-5	96906	16	
MS27030-5	96906	16	5
MS27030-5	96906	20	15
MS27030-6	96906	16	
MS27030-6	96906	16	14
MS27183-18	96906	21	11
MS27183-18	96906	13	5
MS27183-19	96906	20	28
MS27183-21	96906	17	8
MS27183-23	96906	17	2
MS27183-8	96906	20	25
MS29513-146	96906	17	22
MS3102A16S6S	96906	10	9
MS32291-5	96906	11	18
MS3493-1	96906	18	21
MS35206-269	96906	15	32
MS35206-270	96906	17	20
	96906	8	3

STOCK NUMBER	FIGURE NO.	ITEM NO.
4820-00-554-8391	17	26
2805-00-555-2119	2	
4930-00-563-3666	13	24
4720-00-563-4688	16	16
5975-00-577-8825	15	
5935-00-581-4558	11	16
5310-00-582-5965	18	22
5310-00-584-5272	20	40
5430-00-585-2529	20	1
5310-00-596-7691	11	6
5310-00-612-2414	16	
5310-00-612-2414	16	14
5310-00-612-2414	21	11
2805-00-620-0156	3	18
2920-00-620-0291	9	1
5310-00-627-6128	7	12
5310-00-627-6128	8	13
5310-00-627-6128	13	8
5310-00-637-1058	6	2
5305-00-637-1119	10	4
5310-00-637-9541	1	2
5310-00-637-9541	1	20
5310-00-637-9541	5	4
5310-00-637-9541	13	2
5310-00-637-9541	19	16
5977-00-650-8961	14	
3120-00-661-8942	3	21
4940-00-672-4771	15	
2805-00-672-9509	2	1
3020-00-672-9510	9	7
5920-00-675-4952	14	40
5310-00-692-9744	23	2
2805-00-695-2177	3	19
4720-00-718-6020	16	
2990-00-718-6022	5	7
4720-00-718-6023	16	13
4720-00-718-6024	16	
4720-00-718-6027	16	
3110-00-718-9981	18	15
2805-00-722-3922	8	23
5310-00-732-0558	8	12
5310-00-732-0558	10	2
5310-00-732-0558	10	15
5310-00-732-0558	10	18
5310-00-732-0558	10	21
5310-00-732-0558	12	1
5310-00-732-0558	18	1
5310-00-732-0558	19	15
5310-00-732-0558	22	18
5310-00-732-6278	17	4
4730-00-735-4368	18	29
4930-00-735-4370	14	
4930-00-735-4371	18	10
4930-00-735-4374	18	9
4930-00-735-4375	18	8
4930-00-735-4376	18	7
4930-00-735-4377	18	19
3020-00-735-4378	16	21
4730-00-735-4384	18	28
4730-00-735-4386	16	12
4730-00-735-4388	16	15
4730-00-735-4389	16	11
4730-00-735-4390	14	18
5999-00-735-4393	12	5
4930-00-735-4402	12	4
4930-00-735-4403	12	3
5330-00-735-4404	12	10
5330-00-735-4405	12	
4320-00-735-4406	8	15
5330-00-735-4439	13	16
5330-00-735-4454	1	17
6680-00-740-0071	8	
4730-00-740-3354	8	25
4730-00-741-0349		

PART NUMBER	FSCM	FIG. NO.	ITEM NO.
AA97-1S19	66289	1	23
A899T-1-S1	66289	1	28

STOCK NUMBER	FIGURE NO.	ITEM NO.
5315-00-753-3895	20	30
5310-00-763-8921	20	23
4210-00-775-0127	24	
2805-00-776-0512	3	20
2805-00-776-8151	2	27
5305-00-782-9489	8	20
2920-00-786-5626	9	16
2805-00-790-7778	1	16
2805-00-790-7786	1	28
2920-00-790-8746	9	
2805-00-792-9761	3	23
5330-00-794-6947	23	6
5330-00-794-6948	22	9
5430-00-794-6950	22	1
5430-00-794-6952	20	18
5430-00-794-6953	20	13
3040-00-794-6954	20	6
5430-00-794-6956	20	35
5340-00-794-6957	20	37
5340-00-794-6970	20	46
5310-00-794-6971	20	12
2805-00-808-5675	3	15
5310-00-809-3079	17	8
5310-00-809-5998	13	5
5310-00-809-5998	20	28
5310-00-809-8533	20	25
5310-00-809-8546	17	22
5305-00-809-9385	20	3
4730-00-812-4303	8	
5305-00-817-6139	21	8
5340-00-823-5316	16	10
5340-00-823-5318	21	10
5310-00-823-8803	17	2
2805-00-828-9520	2	4
2930-00-839-6109	5	5
5310-00-841-2729	6	13
5315-00-845-7787	20	22
2910-00-846-0943	8	10
4930-00-856-3930	22	12
4730-00-869-5246	16	4
4930-00-871-2996	18	19
5310-00-880-8189	13	21
2920-00-883-1101	8	4
4730-00-896-9056	8	14
5310-00-897-6082	17	13
4930-00-904-1383	15	
5310-00-905-0762	7	1
5310-00-905-0762	7	11
5310-00-905-0762	18	20
5330-00-912-4316	9	
4730-00-915-5127	16	17
5310-00-928-9824	9	3
2990-00-930-5459	7	6
5330-00-930-8596	20	2
5306-00-932-0962	22	11
5306-00-932-0962	22	13
5306-00-932-0962	23	8
5310-00-934-9758	8	1
4730-00-935-5395	7	9
5305-00-943-2094	17	3
5325-00-943-6697	13	17
5330-00-949-5426	7	8
5340-00-974-9537	8	
4930-00-976-3109	13	10
4330-00-983-0998	17	11
5305-00-983-8084	17	14
5305-00-984-6216	17	20
5305-00-984-6217	8	3
2910-00-987-7764	8	9
4010-00-997-9744	15	30
5305-01-016-7470	1	6
4930-01-037-0507	24	2
5340-01-037-8739	20	34
3120-01-042-2580	2	28

PART NUMBER	FSCM	FIG. NO.	ITEM NO.
AD41	66289	3	19
AE74C	66289	3	17

PART NUMBER	FSCM	FIG. NO.	ITEM NO.
MS35297-62	96906	16	20
MS35307-470	96906	17	3
MS35333-40	96906	11	14
MS35335-32	96906	11	6
MS35335-33	96906	7	2
MS35335-35	96906	7	12
MS35335-35	96906	13	8
MS35336-27	96906	6	12
MS35336-27	96906	11	
MS35336-27	96906	11	
MS35338-25	96906	18	22
MS35338-29	96906	13	22
MS35338-42	96906	14	24
MS35338-43	96906	17	21
MS35338-45	96906	22	19
MS35338-46	96906	8	13
MS35338-46	96906	8	18
MS35338-46	96906	10	16
MS35338-46	96906	10	22
MS35338-46	96906	13	2
MS35338-46	96906	19	16
MS35338-48	96906	20	40
MS35425-36	96906	17	7
MS35648-4	96906	1	30
MS35649-202	96906	8	1
MS35691-36	96906	17	13
MS35785-4	96906	17	26
MS51021-56	96906	21	8
MS51021-60	96906	20	3
MS51029-51	96906	18	11
MS51029-51	96906	20	32
MS51105-464	96906	20	24
MS51887-23Z	96906	20	49
MS51922-17	96906	13	1
MS51922-17	96906	13	7
MS51922-17	96906	16	18
MS51922-33	96906	13	4
MS51922-33	96906	20	39
MS51922-49	96906	17	1
MS51922-49	96906	20	44
MS51957-61	96906	22	2
MS51967-11	96906	13	21
MS51967-23	96906	20	23
MS51967-3	96906	7	1
MS51967-3	96906	7	11
MS51967-3	96906	18	20
MS51967-8	96906	8	12
MS51967-8	96906	10	2
MS51967-8	96906	10	15
MS51967-8	96906	10	18
MS51967-8	96906	10	21
MS51967-8	96906	12	1
MS51967-8	96906	18	1
MS51967-8	96906	19	15
MS90725-109	96906	13	6
MS90725-115	96906	20	41
MS90725-60	96906	19	4
MS90725-64	96906	10	17
MS90725-64	96906	13	3
MS90725-64	96906	13	9
MS90725-66	96906	8	16
MS90725-68	96906	10	23
MS90725-8	96906	7	3
MS90725-8	96906	7	13
MS90728-109	96906	20	27
MS90728-66	96906	3	20
MTR-STYLE 377082	50380	11	43
N2570	21387	9	24
NC137	66289	5	6
N2498	82796	9	10
N7634	66289	4	4
PA264	66289	3	24
PA340	66289	3	1
PB164	66289	9	5

PART NUMBER	FSCM	FIG. NO.	ITEM NO.
PC368	66289	1	11
PC393-2	66289	6	9
PD10	66289	9	4
PD115	66289	6	2
PD153	66289	6	15
PD77	66289	8	
PD9	66289	1	8
PD9	66289	3	8
PE3	66289	1	2
PE3	66289	1	20
PE3	66289	2	16
PE3	66289	4	3
PE3	66289	5	4
PE37A	66289	5	2
PE4	66289	1	26
PE4	66289	8	
PE5	66289	8	6
PE52A	66289	9	3
PE82	66289	2	3
PG338	66289	1	3
PG733	66289	8	8
PH209-B	66289	1	27
PH253	66289	6	5
PH256	66289	2	19
PH30	66289	2	13
PH412	66289	2	11
PH84	66289	6	7
PK127A	66289	8	
PK69	66289	2	5
PL17	66289	2	24
PL21	66289	2	25
PL21	66289	3	26
PM117	66289	6	8
PM58E	66289	4	10
PM74	66289	3	5
PR50A	66289	4	11
PO4	25567	10	12
PO8	25567	10	11
P1-121	66289	6	3
P1126	01400	16	2
P12	25567	10	13
P401-2E	79615	21	13
P414	79515	21	5
P420	79515	21	1
P431	79515	21	7
P444B	79515	21	12
QC53	66289	1	10
QD569A	66289	1	22
QD570A	66289	9	6
QD571	66289	3	10
QD572	66289	1	15
QD573	66289	2	14
QD573A	66289	2	13
QD574	66289	2	18
QD647	66289	1	7
QD695	66289	6	13
QD802	66289	1	29
Q2B	66289	9	
Q2437AX	82796	9	16
801-1 1/2	82666	16	3
RC118	66289	8	10
RD107A	66289	4	6
RD127C	66289	8	
RF1225	66289	8	25
RJ138A	66289	1	17
RM1280A	66289	8	
RP902	66289	8	24
RX2425	82796	9	45
SA61	66289	1	14
SA80	66289	4	8
SD108	66289	9	
SD251	66289	5	
SE1590	01400	17	27
SE53A16S1	66289	5	5
SXY2433	21387	9	13
SZ2563	82796	9	26
S2568	82796	9	40
S31614SS	01400	18	6
S4-11-35-14	24677	22	5
S4-11-35-8	24677	23	7

PART NUMBER	FSCM	FIG. NO.	ITEM NO.
TC301-3	66289	6	4
TC321	66289	3	22
TC322S1	66289	3	2
TC323	66289	3	21
TC324C	66289	3	11
TC325	66289	3	9
TC332	66289	3	6
T1802	76700	7	7
T2000	17807	20	1
T2477C	82796	9	43
UC103A	66289	5	1
US2480	82796	9	36
U26A	00299	12	
U268	66289	5	7
VB112	66289	6	10
VC22C	66289	6	16
VE304	66289	3	4
VE363A	66289	6	1
V1498	82796	9	17
WE343ES1	66289	8	9
WWP471	81348	7	5
WWP521TYPE1	81348	7	10
XA34	66289	5	3
XA38	66289	1	6
XA52	66289	8	
XA6	66289	6	14
XA64	66289	4	7
XC14	66289	6	11
XD11	66289	1	12
XD15	66289	2	10
XD17	66289	9	2
XD19	66289	1	24
XD19	66289	2	2
XD23	66289	1	25
XD25	66289	8	5
XD4	66289	1	1
XD4	66289	2	15
XD6	66289	1	19
XD6	66289	3	7
XD7	66289	4	2
XED16	11583	8	22
XK118	66289	1	31
XK3B	66289	1	18
X1-1	66289	6	6
X1-32	66289	3	3
X242-3A	50380	11	1
X5-03-4	50380	11	2
YD259	66289	9	1
YD89BC	66289	8	4
OW480T	96152	8	26
050205	06840	17	10
0705	78480	8	32
07759	96152	8	28
07762	96152	8	29
07766	78480	8	27
07769	78480	8	31
07770	78480	8	33
08227	96152	8	30
1	81859	7	6
101P10	82366	14	15
101P4	82366	14	12
102P10	82366	14	25
1020-36435-4	17807	22	10
103P10	82366	14	4
103P25	82366	14	32
1097-3	12718	23	11
1097-4	12718	23	9
1097-5A	12718	23	13
1097-5B	12718	23	10
1097-5C	12718	23	12
1097-8	12718	22	11
1097-8	12718	22	13
1097-8	12718	23	8
1097S-1	12718	23	14
11193A	79960	1	9
113-10	01400	22	22
113-13	01400	20	2
113-15	01400	20	11
113-16	01400	20	5
113-17	01400	20	6

PART NUMBER	FSCM	FIG. NO.	ITEM NO.
113-18	01400	20	13
113-20-1	01400	20	21
113-21	01400	20	26
113-23	01400	20	46
113-25	01400	20	42
113-26	01400	20	43
113-28	01400	20	47
113-34	01400	22	4
113-45	01400	22	6
113-47	01400	20	18
113-48	01400	20	19
113-5-1	01400	20	31
113-5-2	01400	20	35
113-5-3	01400	20	37
113-51	01400	22	12
113-52	01400	22	9
113-55	01400	20	7
113-56	01400	20	10
113-57	01400	22	7
113-58	01400	22	8
113-59	01400	22	3
113-61	01400	22	20
113-62	01400	22	21
113-65	01400	22	16
113-66	01400	22	15
113-67	01400	22	14
113-7	01400	20	38
113-71	01400	22	1
113-8	01400	20	12
113-99	01400	20	14
113-99-7	01400	20	17
113178	24617	12	7
1137P10	82366	14	37
115-77-2	01400	13	19
115-100	01400	12	10
115-101	01400	8	14
115-113	01400	13	14
115-116	01400	8	15
115-126	01400	13	16
115-138-1	01400	16	13
115-138-2	01400	16	
115-138-3	01400	16	
115-139-1	01400	16	9
115-139-2	01400	16	16
115-139-3	01400	16	
115-139-4	01400	16	
115-139-5	01400	16	7
115-145	01400	17	5
115-146	01400	13	17
115-148	01400	13	18
115-15-1	01400	18	
115-154	01400	18	
115-156	01400	8	7
115-160	01400	17	12
115-19	01400	13	23
115-197	01400	18	16
115-206	01400	18	5
115-211	01400	18	25
115-212	01400	18	26
115-215	01400	18	4
115-217	01400	18	14
115-222	01400	16	6
115-228	01400	8	21
115-233	01400	18	30
115-24	01400	18	15
115-249	01400	17	
115-264	01400	17	28
115-282	01400	17	9
115-284	01400	17	19
115-286	01400	17	17
115-287	01400	17	15
115-288	01400	17	16
115-29	01400	18	29
115-3	01400	13	15
115-33	01400	16	15
115-39	01400	16	8
115-40	01400	16	11
115-41	01400	16	12
115-42	01400	13	13
115-42	01400	18	27
115-5-4	01400	17	4

PART NUMBER	FSCM	FIG. NO.	ITEM NO.
115-52L	01400	18	19
115-52R	01400	18	19
115-54-1	01400	18	24
115-54-2	01400	18	23
115-57	01400	18	18
115-58-1	01400	18	9
115-58-2	01400	18	7
115-59	01400	12	11
115-62	01400	13	10
115-7	01400	16	21
115-774-1	01400	13	20
115-85	01400	12	5
115-86	01400	12	2
115-91	01400	12	6
115-93	01400	18	28
115-94	01400	12	9
115-99-1	01400	18	10
115-99-2	01400	18	8
11570-020E13X242	25567	10	
117-54	01400	12	
120382	24617	18	2
121712	50380	11	42
122172	50380	11	
122173	50380	11	
122282	50380	11	
123P07	50350	11	10
126P15	82366	14	16
13208E9128	97403	17	23
13217E7087	97403	20	34
13217E7090	97403	20	33
133-22	01400	20	29
134P01	50380	11	29
13614	82366	14	10
13633	25567	10	1
13644	25567	11	46
13646	25567	11	45
13663	01400	20	48
13667	25567	10	24
151P10	82366	14	3
151P15	82366	14	13
151P20	82366	14	17
15118	60038	2	22
15243	60038	2	21
155P10	82366	14	7
15675	05748	15	
15676SA	05748	15	
15765	05748	15	
162758	50380	11	41
163P03	50380	11	3
16418SA	05748	7	8
16483	50380	11	32
170A36	50380	11	8
175-20	01400	7	14
1890-7	14555	17	18
190GALUM1-1-2	81718	15	
190W	81718	15	30
193497	21450	19	3
2P100-1	82366	14	5
2P101-3	82366	14	11
2P102	82366	14	31
2025C	01400	18	
204SFF	38443	11	28
230P107	82366	19	20
27016	82366	14	40
27C77	82366	14	9
27411	82366	14	20
27413	82366	14	21
277PS	82366	19	14
2958GA	25567	10	3
296	81718	15	
296CAALUM	81718	15	23
3K1	82796	9	35
3000-1	82366	15	24
30015	82366	14	29
30017	82366	14	30
30018	82366	14	1
30019	82366	14	6
30020	82366	14	22
30023	82366	14	23

PART NUMBER	FSCM	FIG. NO.	ITEM NO.
30027	82366	14	38
30041	82366	14	
30045	82366	14	26
30046	82366	14	27
30047	82366	14	28
30049	82366	14	33
30050	82366	14	34
30051	82366	14	35
30052	82366	14	36
30053	82366	14	39
30055	82366	14	
30056	82366	14	
30068	82366	14	
30069	82366	14	
31SS12B	82796	9	19
31468	81718	15	44
37	12718	23	28
380A4	79615	20	5
40005	82366	19	50
43200-31-RH	82366	19	26
43260-1L	82366	19	
43260-1R	82366	19	19
43272-1L	82366	19	19
43272-1R	82366	19	12
43277	82366	19	12
43279	82366	19	18
43281	82366	19	24
43284-1	82366	19	21
43285	82366	19	28
43290	82366	19	29
43292	82366	19	7
43294	82366	19	27
43295	82366	19	6
43296L	82366	19	10
43296R	82366	19	13
43297L	82366	19	13
43297R	82366	19	26
43299	82366	19	25
446548	82366	19	11
47727	24617	16	19
47727	82366	19	2
481052	82366	19	23
481053	50380	11	40
49934	50380	11	39
5-14-514-7	50380	11	34
5-14-514-8	97403	24	
5-14-514-8-1	97403	24	1
5-14-514-8-4	97403	24	3
5-14-514-9	97403	24	2
5-14-514-9-1	97403	24	4
5-14-514-9-4	97403	24	6
5P100-1	97403	24	5
50155	82366	14	14
50180	50380	11	24
50303	50380	11	5
50324	50380	11	33
50608	50380	11	37
50608	50380	11	11
53204	50380	11	22
53204	50380	11	13
53570	50380	11	20
54029	50380	11	30
54127	50380	11	17
54461	50380	11	35
54474	50380	11	7
54474	50380	11	
56546	50380	11	
57081	50380	11	38
5889	50380	11	27
653W	25567	11	
6S4L	82796	9	41
6S6O	82796	9	37
60310	82796	9	14
8041H80A	50380	11	31
63Y11	15605	11	23
6366	01400	17	25
6367	25567	10	10
6368	25567	10	20
6369	25567	10	5
651P10	25567	10	7
74639A	82366	14	18
	00742	20	8

PART NUMBER	FSCM	FIG. NO.	ITEM NO.
756367	50380	11	25
7601-2	90800	16	24
8S4U	82796	9	11
8S6G	82796	9	20
8096	50380	11	
856164	50380	11	21
856165	50380	11	26
856207	50380	11	36
887-23C	12718	22	18
887-7	12718	23	2
91P04	50380	11	15
91P06	50380	11	19
91P10	50380	11	4
91P95	50380	11	9
960957	47301	8	11
960957	47301	16	22
9700-01-03	82647	11	
980-1-1-2	79515	16	1
997R-6	12718	23	1

STOCK NUMBER	FIGURE NO.	ITEM NO.
5310-00-080-6004	19	5
5306-00-226-4825	2	10
5305-00-269-3209	18	3
	18	13
	18	17
	19	17
5305-00-269-3211	19	9
5305-00-269-3219	19	8
5305-00-281-6387	9	8
5305-00-498-6805	9	37
	14	37
4730-00-595-0141	20	9
5310-00-627-6128	8	18
	10	16
	10	22
5310-00-675-5755	2	11
5310-00-732-0558	8	17
4930-00-735-4380	18	
4930-00-735-4381	18	
5310-00-897-5062	20	36
5307-00-985-4918	8	19

STOCK NUMBER	FSCM	FIGURE NO.	ITEM NO.
MS27183-14	96906	19	5
MS35338-46	96906	10	16
		10	22
MS35691-36	96906	20	36
MS51967-8	96906	8	17
MS90725-58	96906	18	3
		18	13
		18	17
		19	17
MS90725-60	96906	19	9
MS90725-69	96906	19	6
MS90728-32	96906	2	10
NA2	01400	20	20
WWP460	81348	20	9
1P145	82366	19	22
10S10D	82796	9	8
113-70	01400	23	
115-200	01400	18	
115-201	01400	18	
380AM	79515	21	
43200LH	82366	19	
43200RH	82366	19	

By Order of the Secretary of the Army:

E. C. MEYER
General, United States Army
Chief of Staff

Official:

J. C. PENNINGTON
Major General, United States Army
The Adjutant General

DISTRIBUTION:
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The Metric System and Equivalents

Linear Measure

1 centimeter = 10 millimeters = .39 inch
1 decimeter = 10 centimeters = 3.94 inches
1 meter = 10 decimeters = 39.37 inches
1 dekameter = 10 meters = 32.8 feet
1 hectometer = 10 dekameters = 328.08 feet
1 kilometer = 10 hectometers = 3,280.8 feet

Weights

1 centigram = 10 milligrams = .15 grain
1 decigram = 10 centigrams = 1.54 grains
1 gram = 10 decigrams = .035 ounce
1 dekagram = 10 grams = .35 ounce
1 hectogram = 10 dekagrams = 3.52 ounces
1 kilogram = 10 hectograms = 2.2 pounds
1 quintal = 100 kilograms = 220.46 pounds
1 metric ton = 10 quintals = 1.1 short tons

Liquid Measure

1 centiliter = 10 milliliters = .34 fl. ounce
1 deciliter = 10 centiliters = 3.38 fl. ounces
1 liter = 10 deciliters = 38.82 fl. ounces
1 dekaliter = 10 liters = 2.64 gallons
1 hectoliter = 10 dekaliters = 26.42 gallons
1 kiloliter = 10 hectoliters = 264.18 gallons

Square Measure

1 sq. centimeter = 100 sq. millimeters = 155 sq. inch
1 sq. decimeter = 100 sq. centimeters = 15.5 sq. inches
1 sq. meter (centare) = 100 sq. decimeters = 10.76 sq. feet
1 sq. dekameter (are) = 100 sq. meters = 1,076.4 sq. feet
1 sq. hectometer (hectare) = 100 sq. dekameters = 2.47 acres
1 sq. kilometer = 100 sq. hectometers = .386 sq. mile

Cubic Measure

1 cu. centimeter = 1000 cu. millimeters = .06 cu. inch
1 cu. decimeter = 1000 cu. centimeters = 61.02 cu. inches
1 cu. meter = 1000 cu. decimeters = 35.31 cu. feet

Approximate Conversion Factors

To change	*To*	*Multiply by*	*To change*	*To*	*Multiply by*
inches	centimeters	2.540	ounce-inches	newton-meters	.007062
feet	meters	.305	centimeters	inches	.394
yards	meters	.914	meters	feet	3.280
miles	kilometers	1.609	meters	yards	1.094
square inches	square centimeters	6.451	kilometers	miles	.621
square feet	square meters	.093	square centimeters	square inches	.155
square yards	square meters	.836	square meters	square feet	10.764
square miles	square kilometers	2.590	square meters	square yards	1.196
acres	square hectometers	.405	square kilometers	square miles	.386
cubic feet	cubic meters	.028	square hectometers	acres	2.471
cubic yards	cubic meters	.765	cubic meters	cubic feet	35.315
fluid ounces	milliliters	29,573	cubic meters	cubic yards	1.308
pints	liters	.473	milliliters	fluid ounces	.034
quarts	liters	.946	liters	pints	2.113
gallons	liters	3.785	liters	quarts	1.057
ounces	grams	28.349	liters	gallons	.264
pounds	kilograms	.454	grams	ounces	.035
short tons	metric tons	.907	kilograms	pounds	2.205
pound-feet	newton-meters	1.365	metric tons	short tons	1.102
pound-inches	newton-meters	.11375			

Temperature (Exact)

°F	Fahrenheit temperature	5/9 (after subtracting 32)	Celsius temperature	°C

PIN : 045479-000